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<400> 10827

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<400> 10828

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<400> 10832

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<400> 10835

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<212> DNA
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<400> 10846

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<400> 10851

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<210> 10853
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10853

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<210> 10854
 <211> 377
 <212> DNA

<213> Aspergillus nidulans

<400> 10854

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ttatttgata ttcttaatta taatttaaata aaaaaaaaaa accccccccc ttaatagggg 300
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<210> 10855

<211> 997

<212> DNA

<213> Aspergillus nidulans

<400> 10855

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<211> 1660
<212> DNA
<213> Aspergillus nidulans
<400> 10856

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<210> 10857
 <211> 434
 <212> DNA
 <213> Aspergillus nidulans

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<210> 10858
 <211> 560
 <212> DNA
 <213> Aspergillus nidulans

<400> 10858
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<210> 10859
 <211> 1188
 <212> DNA
 <213> Aspergillus nidulans
 <400> 10859

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<210> 10860
 <211> 1107
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10860

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<210> 10861
 <211> 508
 <212> DNA
 <213> Aspergillus nidulans

<400> 10861

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 gaatgattat taatgtatct tgggtcaataa ataggctaga agatcacctt tatctaggat 420
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<210> 10862
 <211> 112
 <212> DNA
 <213> Aspergillus nidulans

<400> 10862

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<210> 10863
 <211> 920
 <212> DNA
 <213> Aspergillus nidulans

<400> 10863

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<210> 10864
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 10864

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<210> 10865
<211> 995
<212> DNA
<213> Aspergillus nidulans

<400> 10865

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<210> 10866
<211> 1190
<212> DNA
<213> Aspergillus nidulans

<400> 10866

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<211> 311

<212> DNA

<213> *Aspergillus nidulans*

<400> 10867

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<400> 10868

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<400> 10869

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<213> Aspergillus nidulans

<400> 10870

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<210> 10871

<211> 222

<212> DNA

<213> Aspergillus nidulans

<400> 10871

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<210> 10872

<211> 827

<212> DNA

<213> Aspergillus nidulans

<400> 10872

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<400> 10873

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<210> 10874
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<212> DNA
<213> Aspergillus nidulans

<400> 10874

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 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10876

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 <212> DNA
 <213> Aspergillus nidulans

<400> 10877

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 <213> Aspergillus nidulans

<400> 10878

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<210> 10880
 <211> 487
 <212> DNA
 <213> *Aspergillus nidulans*
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<212> DNA
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<212> DNA
<213> Aspergillus nidulans
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<210> 10883
 <211> 391
 <212> DNA
 <213> Aspergillus nidulans

<400> 10883

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 catatttcct tatatttttt agggaaattt gcatttataa ctatcaaaaa attataaatt 300
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<210> 10884
 <211> 361
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 10884

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 gtccagggtc aatggagttt cgttcatacg tttgttatag agaaacaagt aatattctag 180
 cttttcgatc atgtactata cgggagagct tttaggcctt tttgcaagtt ggggtggagaa 240
 aactcatttc tgccttattt tttaaccaata cgaataatcc agtccgaccc cgtccgggggt 300
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<210> 10885
 <211> 577
 <212> DNA
 <213> Aspergillus nidulans

<400> 10885

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<210> 10886
 <211> 424
 <212> DNA
 <213> Aspergillus nidulans

<400> 10886

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gattgaactg aggaacattc gagtatgtcc agcacacata catatgaaga ggaccgtacc 240
gactgtgaca cacaaacatt tgcacaatct gcaggagaa aggactccga agagtgaaga 300
ttgtgcgcaa atgggcgtat agtagatgat gaactagctc atccactcac cacaagatca 360
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<210> 10887
 <211> 597

<212> DNA
 <213> Aspergillus nidulans
 <400> 10887

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 gagtcctgct tcggacctgt gacctgcttc ggggcataag tgtattagtg cttctgtgta 300
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 aatgtgctaa tcatttcaat attgagactc catcctgctt ctgctcctga tcctttgtgc 540
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<210> 10888
 <211> 532
 <212> DNA
 <213> Aspergillus nidulans
 <400> 10888

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 tgctgtgtga tccctaggtg gcactttgct tcttgtttct gttttttttt tccctgttga 180
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 aataaatttc gcagctgagg tgattggctc aatgccgata tatccgaaat gatcgagttt 360
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 ggtgattggc tggaacctgt gtattcggga taattgggtt tatagtgaca agaattctca 480
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<210> 10889
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<212> DNA
 <213> Aspergillus nidulans
 <400> 10889

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 cacatgtcat cttgtaatgg ttaagatctt agagatatat ccaatgatcc tgacactcta 180
 catagatgga tgaattgaga ctagaaatga taaaagattg tgaccataac taataaaatg 240
 aagattagac aatgcaatat tgttcctaac cgcgatgtca catgtatgga tacgtatatg 300
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<210> 10890
 <211> 941
 <212> DNA
 <213> Aspergillus nidulans
 <400> 10890

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<210> 10891
<211> 499
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 10891

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<210> 10892
<211> 598
<212> DNA
<213> Aspergillus nidulans

<400> 10892

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aactggaaga gataccgctt aagatggcaa aaaagcgaac cacaaactcc aaaacgaaat 480
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<210> 10893
 <211> 500
 <212> DNA
 <213> Aspergillus nidulans

<400> 10893

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<210> 10894
 <211> 526
 <212> DNA
 <213> Aspergillus nidulans

<400> 10894

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 cgagcttctg gagaagctcc tcaaccgtga agccaaactc atgtgtgctg ctgcaacaac 180
 gccatcgctt cctgccactg ctcatgctgc aaactacaaa gggaactcga acaacaatca 240
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 aatctgcagc attcatggac acagcgcacg tcggtgtcct cagctccaag gtagcagcta 420

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<210> 10895
<211> 586
<212> DNA
<213> Aspergillus nidulans

<400> 10895

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<210> 10896
<211> 1442
<212> DNA
<213> Aspergillus nidulans

<400> 10896

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<210> 10897
<211> 586
<212> DNA
<213> Aspergillus nidulans
<400> 10897

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<210> 10898
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<212> DNA
<213> Aspergillus nidulans
<400> 10898

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<210> 10899
 <211> 846
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10899

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<210> 10900
 <211> 310
 <212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 10900

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caaccacga gaaacggcaa ggggcgagcg gaacgcgcca gcangccgac cggggccgag 180
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<210> 10901

<211> 1918

<212> DNA

<213> Aspergillus nidulans

<400> 10901

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ccatagaact gaatctgacg gactgactcg cgtccatgta cgactgtaat ccagttgtc 180
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 <213> *Aspergillus nidulans*
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<400> 10903

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 <400> 10904

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<213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

<400> 10907

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<400> 10908

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<213> *Aspergillus nidulans*

<400> 10909

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 <213> Aspergillus nidulans

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 <212> DNA
 <213> Aspergillus nidulans

<400> 10911

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 <213> Aspergillus nidulans

<400> 10912

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<212> DNA
<213> Aspergillus nidulans

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<212> DNA
<213> *Aspergillus nidulans*

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<212> DNA

<213> Aspergillus nidulans

<400> 10916

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<210> 10917

<211> 270

<212> DNA

<213> Aspergillus nidulans

<400> 10917

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<210> 10918

<211> 475

<212> DNA

<213> Aspergillus nidulans

<400> 10918

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 <400> 10919

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 <211> 3120
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10920

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 <211> 559
 <212> DNA
 <213> Aspergillus nidulans

<400> 10921

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 <211> 455
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10922

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<210> 10923
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10923

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 <211> 556
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 10924

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<210> 10925
<211> 651
<212> DNA
<213> Aspergillus nidulans

<400> 10925

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<210> 10926
<211> 125
<212> DNA
<213> Aspergillus nidulans

<400> 10926

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<210> 10927
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<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 10927

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10928

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<210> 10929

<211> 2411

<212> DNA

<213> *Aspergillus nidulans*

<400> 10929

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2411

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<211> 104
<212> DNA
<213> Aspergillus nidulans

<400> 10930

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acctgaaagt tcgctagtag attgcagatt gcctgtgagt acaa 104

<210> 10931
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<212> DNA
<213> Aspergillus nidulans

<400> 10931

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<211> 177

<212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 10932

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<210> 10933
 <211> 2374
 <212> DNA
 <213> Aspergillus nidulans
 <400> 10933

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 <211> 467
 <212> DNA
 <213> Aspergillus nidulans
 <400> 10934

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<210> 10935
 <211> 2074
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10935
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<210> 10936
 <211> 1787
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10936

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<210> 10937
 <211> 164
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 10937

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<210> 10938
 <211> 599
 <212> DNA
 <213> Aspergillus nidulans

<400> 10938

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7

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 <211> 1442
 <212> DNA
 <213> Aspergillus nidulans

<400> 10939

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<210> 10940
<211> 418
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations

<400> 10940

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<210> 10941

<211> 1945

<212> DNA

<213> *Aspergillus nidulans*

<400> 10941

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<210> 10942
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10942

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<210> 10943
 <211> 2198
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 10943

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<210> 10944
 <211> 2278
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10944

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<210> 10945
 <211> 2025
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10945

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<210> 10946
 <211> 531
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10946

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<210> 10947
<211> 1989
<212> DNA
<213> *Aspergillus nidulans*

<400> 10947

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<210> 10948
<211> 490
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 10948

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<210> 10949
<211> 1584
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 10949

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 <213> *Aspergillus nidulans*

<400> 10950

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<210> 10951
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10951

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 <212> DNA
 <213> Aspergillus nidulans

<400> 10952

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<210> 10953
<211> 463
<212> DNA
<213> Aspergillus nidulans

<400> 10953

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<210> 10954
<211> 2381
<212> DNA
<213> Aspergillus nidulans

<400> 10954

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 <213> *Aspergillus nidulans*

<400> 10955

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<212> DNA
<213> *Aspergillus nidulans*

<400> 10956

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<210> 10957
 <211> 463
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 10957

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 10959
 <211> 834
 <212> DNA
 <213> Aspergillus nidulans

<400> 10959

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<210> 10960
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<400> 10960

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<210> 10961

<211> 586

<212> DNA

<213> *Aspergillus nidulans*

<400> 10961

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<210> 10962

<211> 549

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 10962

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<400> 10963

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 <213> *Aspergillus nidulans*

<223> unsure at all n locations
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<213> Aspergillus nidulans
<223> unsure at all n locations
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<213> Aspergillus nidulans
<223> unsure at all n locations
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<210> 10967
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10967

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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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<213> Aspergillus nidulans

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<213> Aspergillus nidulans

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<213> Aspergillus nidulans

<400> 10971

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<212> DNA

<213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*
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<212> DNA
<213> Aspergillus nidulans

<400> 10975

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<210> 10976
<211> 487
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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 <213> Aspergillus nidulans
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<210> 10978
<211> 468
<212> DNA
<213> Aspergillus nidulans

<400> 10978

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<210> 10979
<211> 586
<212> DNA
<213> Aspergillus nidulans

<400> 10979

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<210> 10980
 <211> 565
 <212> DNA
 <213> Aspergillus nidulans

<400> 10980

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<210> 10981
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10981

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 <212> DNA
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 <400> 10982

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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <213> *Aspergillus nidulans*

<400> 10984

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 <212> DNA
 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*

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<400> 10987

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<400> 10989

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<400> 10994

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 <213> *Aspergillus nidulans*
 <400> 10997

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2110

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<212> DNA
<213> *Aspergillus nidulans*

<400> 10998

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 <213> *Aspergillus nidulans*
 <400> 10999

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<212> DNA
<213> *Aspergillus nidulans*

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<213> *Aspergillus nidulans*

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<212> DNA
<213> *Aspergillus nidulans*
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<400> 11002

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<212> DNA
<213> *Aspergillus nidulans*

<400> 11003

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11004

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<210> 11005
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<212> DNA
<213> Aspergillus nidulans

<400> 11005

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<213> Aspergillus nidulans

<400> 11006

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<210> 11007
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11007

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<210> 11008
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 <213> *Aspergillus nidulans*

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<210> 11009
 <211> 2689
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11009

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<210> 11010
<211> 663
<212> DNA
<213> Aspergillus nidulans

<400> 11010

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tgtggacacc ggtttggcat ctaacatctt catcctagac aacaagtcac aaacatattt 180
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ttggatgtcg ttgatgtaaa caaactga tgtatcagcg agagaattgg tgaatcccaa 420
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<210> 11011
 <211> 588
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11011

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 ctgggcacga gagaattcaa aggcgagaag aacaaaatca cgaaagtgga catgatcaat 540
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<210> 11012
 <211> 1189
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11012

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 caccagtcct tagtttagca caccttaagc gattaggtat aggatatgta cgcaccccat 180

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<210> 11013
 <211> 140
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 11013

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 gcgcggggtt gggtttcttt tgnncnngc cgggggcggg ggcccccgcc cacngggnnn 120
 gggcngccg cgcgggccc 140

<210> 11014
 <211> 479
 <212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 11014

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aagcgggnga cccaacagg anagaccaac cnnccaggcc agcaacggag aaccaagaag 180
gcacaaacaa ccgcaaggaa gagccccagc acaacaaaaa agagggggggg caaaaacggg 240
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ccagacaaaa aggccgaaac ggaagggcaa ccaacaaggg gagagacnga caagggaccc 420
gaaaaaccca aaaagggccg gaccaccgga aggcggaaca gaggaagacg cgacaaaaa 479

<210> 11015

<211> 544

<212> DNA

<213> Aspergillus nidulans

<400> 11015

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tgttggaact ctctgcttct ctagatgaac cttaacaaa gaattattca tcggtccatc 480
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agag 544

<210> 11016

<211> 1054

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 11016

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<210> 11017
<211> 532
<212> DNA
<213> *Aspergillus nidulans*

<400> 11017

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cgacctctaa cagtagtagc aagaaagaag agtagaagct tactcgtgac atgaccacca 180

tcgatggttg caaatggttt gacgatttga tgggtggaagt aagtacttgg gcttccccggt 240
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 cgtttatttc tttttgtcctt gttttttttt ggcttcgcga aagaaaccaa aaaaagtgat 360
 ggtaagatca taggagatga tattataaga acgtgtgata cattaattta ggggacgggt 420
 tgctttgctt aatgcctaca aagatggttg acttttcaga tcgtacaaaa ggcactacta 480
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<210> 11018
 <211> 290
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 11018

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 ncncggaanc cncgacaaag agaaaaanac aagccaaaca ggccgcgaga aaagacgccc 240
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<210> 11019
 <211> 1217
 <212> DNA
 <213> Aspergillus nidulans
 <400> 11019

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<210> 11020
 <211> 294
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 11020

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 gagacaggag caaaggcang gagngagaaa aacagancag aagagaccng cgaaancggc 180
 agaccgggca nccaacgcca agcgaggcag cgccganncg cagaggccgc aagaggaaaa 240
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<210> 11021
 <211> 418
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11021

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 gggataaaga atgaaaaaga tgaattatga gttaataaga ggaggaagaa aaaaataaag 180
 ggaaaatgaa agagtttagag aatgaataga aggaaagggg aaaggaggag atgatgtaag 240
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 gtgaagagtt gaagtgaaaa ggggtggagaa attagaaaat agaaagaaag gaaggaaaag 360
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<210> 11022
 <211> 598
 <212> DNA
 <213> Aspergillus nidulans

<400> 11022
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 gcaaagaaag agtcataacc ttcagtgtaa atttctgatt gaggcgagat ttgcttcttt 180
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<210> 11023
 <211> 508
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 11023

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11026

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<210> 11027
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<212> DNA
<213> Aspergillus nidulans

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<400> 11027

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11028

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11029

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 <213> *Aspergillus nidulans*

<400> 11030

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<210> 11031
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 <212> DNA
 <213> Aspergillus nidulans

<400> 11031

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<210> 11032
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 <212> DNA
 <213> Aspergillus nidulans

<400> 11032

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<210> 11033
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11033

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11034

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 tgtgtaggga ccttgagagg tgggtgacgta gtaacgcaca ctctatttga ttctggggct 420
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<210> 11035
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<212> DNA
<213> *Aspergillus nidulans*

<400> 11035

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<210> 11036
 <211> 507
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11036

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cgtttaactc tgccttctag cactctactg ctcacgcaat ctttcttcac ctgaccacca 180
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 tgacatttcg tacgacctca aaacaac 507

<210> 11037
 <211> 612
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 11037

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 tctcctgggtg atttgacttg tacaacaaaa aaataaaaat ttggttaatg tctagatctc 180
 atctcatggt tacaatgtg aagaactccc aatttgcagc tacaacacca agaatccagg 240
 aaagctttat acagcctgaa gaagcatgct agaagaccaa acaaatggta tggatttggt 300
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 cacatatggt ga 612

<210> 11038
 <211> 320
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11038

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agaacgatgc ttatgttttt gttttgaatt tgtaatctaa tgtagaacga aactactgag 180
gaggtgaaga agtttagatg ttgtgtcatt ttggaaagac aatgcaaccc actttaaga 240
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agcgtttcgc atcaaaagtc 320

<210> 11039
<211> 325
<212> DNA
<213> Aspergillus nidulans

<400> 11039

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gcgcgctgac tgcggttaac agcctgcaca ctgtctggat attcccgatg gctatcctac 180
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tctattggac caacatggga ttaat 325

<210> 11040
<211> 608
<212> DNA
<213> Aspergillus nidulans

<400> 11040

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gctcgtttaa tcggccagat tacaggcctc tcgtctgaat cgatcattct gttgcatttt 480

gacactcagc gagaggatcat cgagtgggttc tgggctgcga cacttgctgg ctatctgcca 540
gccatctcta ctccctttgt agacgataca gcacggcgca aagcccactg gctacacctg 600
cacgcaca 608

<210> 11041
<211> 445
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 11041

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ctgaccgcgt gcctgttgaa gaatgagccg gcgactcata ggcagtggct tggttaaggg 180
aaccaccgg agccgtagcg aaacgangtc ttcatagggc aattgtcact gcttatggac 240
ccgaacctgg gtgatctatc tatgaccagg atgaagcttg ggtgaaacta agtggaggtc 300
cgaaccgact gatgttgaaa aatcagcgga tgagttgtgg ttaggggtga aatgccactc 360
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taggggtaaa gcactgtttc ggtgc 445

<210> 11042
<211> 1709
<212> DNA
<213> Aspergillus nidulans
<400> 11042

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<210> 11043
 <211> 594
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11043

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 aaaaaataata aaatattgtg gagttgaagg gaaatatcca aatacatggt ttattttttt 180
 aataatccat atttatagca ataaaatact atcgttcctt caccaagtaa taagtaagta 240
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<210> 11044
 <211> 3396
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11044
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<210> 11045
 <211> 657
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 11045

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<210> 11046
 <211> 626
 <212> DNA
 <213> Aspergillus nidulans

<400> 11046

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 aaacaaaaca cttacatact aatcaaccac tccaacaatc aacatatact aaattacttc 300
 aattaaataa caataatctt tatatattaa taataaattc atataccact ccaattatta 360
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 attctcttta ctatatctaa aactta 626

<210> 11047
 <211> 2529
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 11047

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 <213> *Aspergillus nidulans*

<400> 11048

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11049

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<210> 11050
<211> 557
<212> DNA
<213> Aspergillus nidulans

<400> 11050

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<210> 11051
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<212> DNA
<213> Aspergillus nidulans

<400> 11051

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11052

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<210> 11053
 <211> 608
 <212> DNA
 <213> Aspergillus nidulans

<400> 11053

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<210> 11054

<211> 509

<212> DNA

<213> *Aspergillus nidulans*

<400> 11054

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<210> 11055

<211> 501

<212> DNA

<213> Aspergillus nidulans

<400> 11055

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<210> 11056

<211> 569

<212> DNA

<213> Aspergillus nidulans

<400> 11056

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<210> 11057

<211> 969

<212> DNA

<213> Aspergillus nidulans

<400> 11057

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<210> 11058

<211> 524

<212> DNA

<213> Aspergillus nidulans

<400> 11058

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<212> DNA
<213> *Aspergillus nidulans*

<400> 11059

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<213> *Aspergillus nidulans*

<400> 11060

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aaatgatctg atttccagtg catctgcgca taatatatag agaaatacag gagcttggag 420

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<210> 11061

<211> 127

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 11061

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tcttagt 127

<210> 11062

<211> 159

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 11062

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ctgtaacnac ttcnaangg aangagcctg caatatagg 159

<210> 11063

<211> 4139

<212> DNA

<213> Aspergillus nidulans

<400> 11063

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 <211> 1208
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11064

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<210> 11065
 <211> 1777
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11065

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<210> 11066
 <211> 1285
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11066

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<210> 11067
 <211> 1074
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11067

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<210> 11068
 <211> 112
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11068
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<210> 11069
 <211> 275
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
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<210> 11070
 <211> 2919
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11070

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<210> 11073

<211> 137

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

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<210> 11074

<211> 570

<212> DNA

<213> Aspergillus nidulans

<400> 11074

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 <213> Aspergillus nidulans

<400> 11076

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 <213> Aspergillus nidulans

<400> 11078

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 <213> Aspergillus nidulans

<400> 11079

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<212> DNA
<213> *Aspergillus nidulans*

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<211> 121

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

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<210> 11082

<211> 3459

<212> DNA

<213> *Aspergillus nidulans*

<400> 11082

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<210> 11084
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 <212> DNA
 <213> *Aspergillus nidulans*

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 <211> 246
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
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246

<210> 11086
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<212> DNA
<213> Aspergillus nidulans

<400> 11086

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<210> 11087
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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11088

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<212> DNA
<213> *Aspergillus nidulans*

<400> 11089

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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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<400> 11091

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 <213> Aspergillus nidulans

<400> 11092

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 <211> 201
 <212> DNA
 <213> Aspergillus nidulans

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<210> 11095
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<212> DNA
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<210> 11097
<211> 161
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 11097

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acagagaaga cacatagaga acaaccatag atagaagaga a 161

<210> 11098
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<212> DNA
<213> Aspergillus nidulans
<400> 11098

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<210> 11099
 <211> 1353
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11099

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<210> 11100
 <211> 572
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11100

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<210> 11101
 <211> 1725
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 11101

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 taaagaagga cctggtgagc taacagcgcg caaagcgaga atggcatcgg cagaggagct 660
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<210> 11102
 <211> 1065
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11102

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1065

<210> 11103
<211> 123
<212> DNA
<213> Aspergillus nidulans

<400> 11103

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<210> 11104
<211> 2939
<212> DNA
<213> Aspergillus nidulans

<400> 11104

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tgtagttcgt cgtattcccc tataatcttc ttctgtaagc tacagtttca gtgtagaatc 240
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<210> 11105
<211> 1986
<212> DNA
<213> *Aspergillus nidulans*

<400> 11105

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<210> 11106
 <211> 540
 <212> DNA
 <213> Aspergillus nidulans
 <223> * unsure at all n locations
 <400> 11106

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<210> 11107
 <211> 113
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 11107

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<210> 11108
 <211> 278
 <212> DNA
 <213> Aspergillus nidulans
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<210> 11109
 <211> 1301
 <212> DNA
 <213> Aspergillus nidulans
 <400> 11109

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<400> 11110

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<210> 11111
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<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 11111

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11112

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<210> 11113
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<400> 11113

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 <212> DNA
 <213> Aspergillus nidulans
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<211> 1958
<212> DNA
<213> *Aspergillus nidulans*
<400> 11116

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<210> 11117
<211> 122
<212> DNA
<213> Aspergillus nidulans

<400> 11117

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<210> 11118
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<212> DNA
<213> Aspergillus nidulans

<400> 11118

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<210> 11120
<211> 452
<212> DNA
<213> Aspergillus nidulans

<400> 11120

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<210> 11121
<211> 1449
<212> DNA
<213> Aspergillus nidulans

<400> 11121

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<210> 11122
 <211> 2190
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11122

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<210> 11123
 <211> 439
 <212> DNA
 <213> Aspergillus nidulans

<400> 11123

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<210> 11124
 <211> 475
 <212> DNA
 <213> Aspergillus nidulans

<400> 11124

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 gaaactagtt gaccgttagc tcgactctaa ctcaatgccg gacacaatag gtttgcacgc 180
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cactttatag cccccggacg acgctttcgc tgagcccggg agcgaataag ctttt 475

<210> 11125
<211> 161
<212> DNA
<213> *Aspergillus nidulans*

<400> 11125

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taccatgcaa ttatagaccg tgcgcactgg gcatatggcg c 161

<210> 11126
<211> 1803
<212> DNA
<213> *Aspergillus nidulans*

<400> 11126

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tcc 1803

<210> 11127
<211> 551
<212> DNA
<213> *Aspergillus nidulans*

<400> 11127

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ttaaataaaa agatcctact actatgacta tacacataat tataaaaaat taaatcacia 480
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<210> 11128
<211> 395
<212> DNA
<213> Aspergillus nidulans

<400> 11128

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<210> 11129
<211> 516
<212> DNA
<213> Aspergillus nidulans

<400> 11129

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<210> 11130
 <211> 2488
 <212> DNA
 <213> Aspergillus nidulans

<400> 11130

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<210> 11131
 <211> 511
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11131

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<210> 11132
<211> 1735
<212> DNA
<213> Aspergillus nidulans

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<212> DNA
<213> *Aspergillus nidulans*

<400> 11133

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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 <213> Aspergillus nidulans
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<210> 11136
 <211> 503
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11136

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 <213> Aspergillus nidulans

<400> 11137

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11138

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 <213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

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<210> 11142
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<212> DNA
<213> Aspergillus nidulans

<400> 11142

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<210> 11143
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<212> DNA
<213> Aspergillus nidulans

<400> 11143

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<210> 11144
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<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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 <213> *Aspergillus nidulans*

<400> 11145

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<400> 11151

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<400> 11152

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 <212> DNA
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<400> 11159

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<210> 11160

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<212> DNA

<213> *Aspergillus nidulans*

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 <213> Aspergillus nidulans

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<210> 11162
 <211> 122
 <212> DNA
 <213> Aspergillus nidulans

<400> 11162

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<210> 11163
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 <213> Aspergillus nidulans

<400> 11163

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<400> 11164

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 <213> Aspergillus nidulans

<400> 11165

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<212> DNA
<213> Aspergillus nidulans

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tggagatcgt gtgccgtgac tgcgaactgt gttaatctgt tcgactatgc ctgaatgctt 420
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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 11170
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 <212> DNA
 <213> Aspergillus nidulans
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<210> 11171
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11171

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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 11172

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 11174
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 11175
 <211> 2844
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11175

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2844

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<212> DNA
<213> Aspergillus nidulans

<400> 11176

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<210> 11177
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<212> DNA
<213> Aspergillus nidulans

<400> 11177

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<210> 11178
<211> 1497
<212> DNA
<213> Aspergillus nidulans

<400> 11178

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<210> 11179
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11179

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<210> 11180
 <211> 226
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 11180

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 gagccccagg agaggtcttt tgatgaagag cagcttgcc tctgagtctc aaggcgacga 180

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226

<210> 11181
<211> 301
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 11181

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c 301

<210> 11182
<211> 197
<212> DNA
<213> Aspergillus nidulans

<400> 11182

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cgagctgcat gatcgggctt ctgctcgagg tgcgggccta aaccgggctg actatgcagc 180
taggatccgt aggactg 197

<210> 11183
<211> 465
<212> DNA
<213> Aspergillus nidulans

<400> 11183

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<210> 11184
 <211> 118
 <212> DNA
 <213> Aspergillus nidulans

<400> 11184

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<210> 11185
 <211> 1953
 <212> DNA
 <213> Aspergillus nidulans

<400> 11185

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<210> 11186
<211> 2002
<212> DNA
<213> *Aspergillus nidulans*

<400> 11186

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<210> 11187
 <211> 153
 <212> DNA
 <213> Aspergillus nidulans

<400> 11187

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 cttagggtcg gcggtgtccc cgcatgatcg cca 153

<210> 11188
 <211> 1537
 <212> DNA
 <213> Aspergillus nidulans

<400> 11188

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<210> 11189
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11189

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<210> 11190
 <211> 224
 <212> DNA
 <213> Aspergillus nidulans

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<210> 11191
 <211> 218
 <212> DNA
 <213> Aspergillus nidulans

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<210> 11192
 <211> 392
 <212> DNA
 <213> Aspergillus nidulans

<400> 11192

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<210> 11193

<211> 125

<212> DNA

<213> *Aspergillus nidulans*

<400> 11193

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<210> 11194

<211> 117

<212> DNA

<213> *Aspergillus nidulans*

<400> 11194

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<210> 11195

<211> 414

<212> DNA

<213> *Aspergillus nidulans*

<400> 11195

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<210> 11196
 <211> 2837
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<400> 11201

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<400> 11206

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<211> 716
<212> DNA
<213> *Aspergillus nidulans*
<400> 11207

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 11209
 <211> 113
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11209

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<210> 11210
 <211> 905
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11210

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<210> 11211
 <211> 123
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 11212
 <211> 129
 <212> DNA
 <213> *Aspergillus nidulans*

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 cgacgtctg 129

<210> 11213
 <211> 196
 <212> DNA
 <213> *Aspergillus nidulans*

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196

<210> 11214
<211> 100
<212> DNA
<213> Aspergillus nidulans

<400> 11214

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<210> 11215
<211> 400
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 11215

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<210> 11216
<211> 861
<212> DNA
<213> Aspergillus nidulans

<400> 11216

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<210> 11217
<211> 796
<212> DNA
<213> *Aspergillus nidulans*

<400> 11217

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<210> 11218
<211> 944
<212> DNA
<213> Aspergillus nidulans

<400> 11218

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<210> 11219
<211> 101
<212> DNA
<213> Aspergillus nidulans

<400> 11219

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<210> 11220
 <211> 1498
 <212> DNA
 <213> Aspergillus nidulans

<400> 11220

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<210> 11221
<211> 540
<212> DNA
<213> *Aspergillus nidulans*

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<210> 11222
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<212> DNA
<213> *Aspergillus nidulans*

<400> 11222
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<210> 11223
<211> 124
<212> DNA
<213> *Aspergillus nidulans*

<400> 11223
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124

<210> 11224
<211> 117
<212> DNA
<213> *Aspergillus nidulans*

<400> 11224

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<210> 11225
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<212> DNA
<213> *Aspergillus nidulans*

<400> 11225

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<212> DNA
<213> Aspergillus nidulans

<400> 11236

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<210> 11237
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<212> DNA
<213> Aspergillus nidulans

<400> 11237

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<210> 11238
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<212> DNA
<213> *Aspergillus nidulans*

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 11240

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<210> 11241
 <211> 1963
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11241

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<210> 11242
<211> 1084
<212> DNA
<213> Aspergillus nidulans

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<210> 11243
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 11244
 <211> 149
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 11245
<211> 2326
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
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<210> 11246
<211> 567
<212> DNA
<213> Aspergillus nidulans

<400> 11246

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<210> 11247
 <211> 1636
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11247

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<212> DNA
<213> *Aspergillus nidulans*

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<212> DNA
<213> *Aspergillus nidulans*

<400> 11249

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 <211> 2011
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11250

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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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<210> 11252

<211> 840
 <212> DNA
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<400> 11252

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 <211> 353
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 11253

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11254

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 <213> *Aspergillus nidulans*

<400> 11255

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11256

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11257

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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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<210> 11260
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 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 11260

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<210> 11261
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 11261

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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 11262

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 tttccagtta gntcagatnc tggttgtagc tcatagnatg gtggttgga tggttcagat 180
 aacaggagct ttgttttagaa tgtgaatatg ttatgaagat gaacaa 226

<210> 11263
 <211> 1723
 <212> DNA
 <213> Aspergillus nidulans
 <400> 11263

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<210> 11264
 <211> 320
 <212> DNA
 <213> Aspergillus nidulans

<400> 11264

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gttctgatcg gatgcgacga tgccatctgt gctttaagat acggggaccc aacatgtgct 240
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<210> 11265

<211> 306

<212> DNA

<213> *Aspergillus nidulans*

<400> 11265

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<210> 11266

<211> 126

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 11266

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<210> 11267

<211> 3290

<212> DNA

<213> Aspergillus nidulans

<400> 11267

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 <211> 1675
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11268

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<211> 2446
<212> DNA
<213> *Aspergillus nidulans*
<400> 11269

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<211> 1834
<212> DNA
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<400> 11270

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<400> 11271

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 <213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

<400> 11275

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 <213> Aspergillus nidulans
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<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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 <213> *Aspergillus nidulans*
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<210> 11281
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 <212> DNA
 <213> Aspergillus nidulans

<400> 11281

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2005

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<212> DNA
<213> Aspergillus nidulans

<400> 11282

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<210> 11283
<211> 291
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 11283

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<210> 11284
<211> 178
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 11285
 <211> 991
 <212> DNA
 <213> Aspergillus nidulans

<400> 11285

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<210> 11286
 <211> 807
 <212> DNA
 <213> Aspergillus nidulans

<400> 11286

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<210>      11287
<211>      2174
<212>      DNA
<213>      Aspergillus nidulans

<223>      unsure at all n locations
<400>      11287

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2174

<210> 11288
<211> 417
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 11288

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<210> 11289
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<212> DNA
<213> Aspergillus nidulans

<400> 11289

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<210> 11290
<211> 508
<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 11290

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<210> 11291

<211> 701

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 11291

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701

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 11292

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<210> 11293
<211> 2268
<212> DNA
<213> Aspergillus nidulans

<400> 11293

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 <213> *Aspergillus nidulans*
 <400> 11294

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<400> 11295

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<400> 11296

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 <213> *Aspergillus nidulans*

<400> 11301

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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 11304

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 <211> 155
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 11306
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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 11306

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<210> 11307
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 <212> DNA
 <213> Aspergillus nidulans

<400> 11307

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<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 11308

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<210> 11309
<211> 561
<212> DNA
<213> Aspergillus nidulans
<400> 11309

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<210> 11310
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 <212> DNA
 <213> Aspergillus nidulans

<400> 11310

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<210> 11311
 <211> 604
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 11311

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<210> 11312
<211> 3178
<212> DNA
<213> Aspergillus nidulans

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 <211> 170
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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 11314
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 11314

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 11315

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<210> 11316
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 <213> *Aspergillus nidulans*
 <400> 11316

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11317

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<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<212> DNA
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<212> DNA
<213> Aspergillus nidulans

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<400> 11322

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<212> DNA
 <213> Aspergillus nidulans
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<210> 11325
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<400> 11325

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<210> 11326
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 <212> DNA
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<400> 11326

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<213> *Aspergillus nidulans*

<400> 11327

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 <211> 181
 <212> DNA
 <213> Aspergillus nidulans

<400> 11328

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 <213> Aspergillus nidulans

<400> 11329

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<210> 11330
 <211> 522
 <212> DNA
 <213> Aspergillus nidulans

<400> 11330

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<210> 11331
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<212> DNA
<213> Aspergillus nidulans

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<210> 11332
<211> 546
<212> DNA
<213> Aspergillus nidulans

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<210> 11333
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<212> DNA
<213> Aspergillus nidulans

<400> 11333
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<210> 11334
 <211> 383
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11334

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<210> 11335
 <211> 1326
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11335

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<210> 11336
 <211> 411
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11336

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<210> 11337
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<212> DNA
<213> Aspergillus nidulans
<400> 11337

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<210> 11338
 <211> 325
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11338

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<210> 11339
 <211> 477
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11339

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<210> 11340
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<212> DNA
<213> Aspergillus nidulans

<400> 11340

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<210> 11341
<211> 1827
<212> DNA
<213> Aspergillus nidulans

<400> 11341

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<210> 11342
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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 11342

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 gttttgtgag tatacacgat cgtagcgcag aggcgctaga gcagntgaag atgccggtgc 180
 ctttgcgctt atctccggtg gag 203

<210> 11343
 <211> 579
 <212> DNA
 <213> Aspergillus nidulans
 <400> 11343

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 ctagtgtttt caaccctggc tgtaaaggat tatctgtaga gctttataaa atgctgaacc 180
 cctagtcaga ccacttgga catatagggc ctggcatggt ttttaagctc cacagatgat 240
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 <211> 200
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 11344

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 cagngaggag atcctcggtg tggggagnat ctcgacacc gacgcgccct tccagtgcag 180
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<210> 11345
 <211> 1008
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11345

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 gatcgattag gatcattgtc tgatattggt gggagttacg ttggcattga ctactggacg 180
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<210> 11346
 <211> 414
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 11346

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 cttaaccag gcggtattgt aactacacc gaagcactag tattgctaaa gaaatactac 180
 aacattatgc tagcgtacaa actaatccaa ctctcagtgc ctgaaaacct tcactacatg 240
 aagcgataat caccagaatg ctagttaact gagataaaag cagcagcgga cactggatc 300
 ataccacac ccacacagaa cgagaggaat cgcaacacca tttctgagag cattactgga 360
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<210> 11347
 <211> 462
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11347

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 caatgccagg aactcaccaa gactactgat actcagccaa ccttaaccgg agcgatccat 180
 aaaacctgcc aggcgacgcg agaccggttc aaacagactg agagctctat gcttatcttg 240
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<210> 11348
 <211> 1191
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11348

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<210> 11349
 <211> 547
 <212> DNA
 <213> Aspergillus nidulans
 <400> 11349

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 acatcactct gccagattgt catggacgac tggcaaaaac atgcttactg cactgaacat 180
 gcgctctcga ctgtcctatc atcgtaatgt cgaacgactg actcacgcaa gcttctctac 240
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 cacactgacg gcgtactgag atcacgtgct tctaagacct ctgaatacca ggactgaata 480
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<210> 11350
 <211> 115
 <212> DNA
 <213> Aspergillus nidulans
 <400> 11350

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 tcaagatgag tcgtcactat cgtggattag tcccttctct cccttctcgc tgcgg 115

<210> 11351
 <211> 1362
 <212> DNA

<213> Aspergillus nidulans

<400> 11351

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<210> 11352

<211> 115

<212> DNA

<213> Aspergillus nidulans

<400> 11352

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<210> 11353

<211> 2376

<212> DNA

<213> Aspergillus nidulans

<400> 11353

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11354

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<210> 11355
<211> 1220
<212> DNA
<213> Aspergillus nidulans
<400> 11355

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<210> 11356
 <211> 1344
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11356

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<210> 11357
 <211> 712
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11357

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 <213> *Aspergillus nidulans*
 <400> 11358

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 <212> DNA
 <213> Aspergillus nidulans

<400> 11359

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<210> 11360
 <211> 274
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 11360

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<210> 11361
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 <212> DNA
 <213> Aspergillus nidulans

<400> 11361

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<210> 11362
 <211> 424
 <212> DNA
 <213> Aspergillus nidulans

<400> 11362

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<210> 11363
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<400> 11363

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<400> 11364

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<210> 11365
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<212> DNA
<213> Aspergillus nidulans

<400> 11365

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<210> 11366
<211> 105
<212> DNA
<213> Aspergillus nidulans

<400> 11366

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<210> 11367
<211> 2790
<212> DNA
<213> Aspergillus nidulans

<400> 11367

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 <212> DNA
 <213> Aspergillus nidulans

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<210> 11369
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<400> 11370

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <400> 11372

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<213> Aspergillus nidulans

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<400> 11376

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<400> 11378

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<400> 11379

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<213> *Aspergillus nidulans*

<400> 11381

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<400> 11383

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<400> 11386

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<400> 11389

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<400> 11393

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<223> unsure at all n locations
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 <212> DNA
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<400> 11395

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<400> 11398

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<211> 392
<212> DNA
<213> *Aspergillus nidulans*

<400> 11399

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<212> DNA
<213> *Aspergillus nidulans*

<400> 11400

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 11402
<211> 1738
<212> DNA
<213> Aspergillus nidulans

<400> 11402

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<400> 11403

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<212> DNA
<213> *Aspergillus nidulans*

<400> 11404

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<210> 11405
 <211> 129
 <212> DNA
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<210> 11406
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<400> 11409

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 <212> DNA
 <213> Aspergillus nidulans

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<210> 11419
 <211> 190
 <212> DNA
 <213> Aspergillus nidulans

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<210> 11420
 <211> 373
 <212> DNA
 <213> Aspergillus nidulans

<400> 11420
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<210> 11421
 <211> 519
 <212> DNA
 <213> Aspergillus nidulans

<400> 11421
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<210> 11422
<211> 206
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 11422

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<210> 11423
<211> 1432
<212> DNA
<213> Aspergillus nidulans
<400> 11423

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<210> 11424
<211> 536
<212> DNA
<213> Aspergillus nidulans

<400> 11424

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tctactgggt gccatgccac gtataatccc gttagtcgcc tctctgaca tgctcaccta 120
aagagtgtag gccctgcccg agcgggaggt ggtgcaaggc gataatcctg ggtacctcgg 180
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 acgcgaactc tgtcatatat ggatgctaag cacaggatac gaccattccc agagcaccct 480
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<210> 11425
 <211> 695
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11425

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<210> 11426
 <211> 735
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11426

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<210> 11427
 <211> 141
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 11427

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 tgttgcactc gatgtgttga t 141

<210> 11428
 <211> 1684
 <212> DNA
 <213> Aspergillus nidulans
 <400> 11428

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<210> 11429
 <211> 349
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations

<400> 11429

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<210> 11430

<211> 185

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 11430

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gagttagcgt agatggtgtg ggggttgatc atgccttcgt agtcgcgcat cggcaagagg 180
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<210> 11431

<211> 492

<212> DNA

<213> *Aspergillus nidulans*

<400> 11431

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492

<210> 11432
<211> 163
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 11432

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<210> 11433
<211> 113
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 11433

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<210> 11434
<211> 3304
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 11434

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<211> 1991
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 11444

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<210> 11445

<211> 657
 <212> DNA
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<400> 11445

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<210> 11446
 <211> 2182
 <212> DNA
 <213> Aspergillus nidulans

<400> 11446

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<211> 1843
<212> DNA
<213> *Aspergillus nidulans*

<400> 11447

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11448

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<210> 12049
<211> 194
<212> DNA
<213> Aspergillus nidulans

<400> 12049

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<210> 12050
<211> 250
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 12050

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<210> 12051
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<212> DNA
<213> Aspergillus nidulans

<400> 12051

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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 12053
 <211> 215
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
<400> 12053

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<210> 12054
<211> 294
<212> DNA
<213> *Aspergillus nidulans*

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<210> 12055
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<212> DNA
<213> *Aspergillus nidulans*

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<210> 12056
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<212> DNA
<213> *Aspergillus nidulans*

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<400> 12057

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<400> 12058

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<213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

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<210> 12061
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<212> DNA
<213> Aspergillus nidulans

<400> 12061

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<400> 12062

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<213> Aspergillus nidulans

<400> 12063

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<212> DNA
<213> Aspergillus nidulans

<400> 12064

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<212> DNA

<213> Aspergillus nidulans

<400> 12065

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<210> 12066

<211> 99
 <212> DNA
 <213> Aspergillus nidulans

<400> 12066

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<210> 12067
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 <213> Aspergillus nidulans

<400> 12067

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<400> 12069

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12071

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 <213> *Aspergillus nidulans*

<400> 12072

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 <213> Aspergillus nidulans

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 <213> Aspergillus nidulans

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<400> 12077

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<400> 12078

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<210> 12079
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<212> DNA
<213> *Aspergillus nidulans*

<400> 12079

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 <213> Aspergillus nidulans

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<210> 12082
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 <212> DNA
 <213> Aspergillus nidulans

<400> 12082

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<210> 12083
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 12084
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12084

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<400> 12086

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<400> 12090

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 <400> 12092

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<210> 12095
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 <213> Aspergillus nidulans

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<400> 12096

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<213> Aspergillus nidulans

<400> 12097

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 <213> *Aspergillus nidulans*
 <400> 12098

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 <213> *Aspergillus nidulans*

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<212> DNA
<213> Aspergillus nidulans
<400> 12100

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 <213> *Aspergillus nidulans*
 <400> 12101

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<212> DNA
<213> Aspergillus nidulans

<400> 12102

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 <213> *Aspergillus nidulans*

<400> 12106

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<400> 12111

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 <212> DNA
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<210> 12117
<211> 2560
<212> DNA
<213> Aspergillus nidulans

<400> 12117

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 <211> 607
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12118

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<210> 12119

<211> 2128

<212> DNA

<213> *Aspergillus nidulans*

<400> 12119

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<210> 12120
 <211> 896

<212> DNA
<213> Aspergillus nidulans

<400> 12120

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<210> 12121
<211> 603
<212> DNA
<213> Aspergillus nidulans

<400> 12121

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<210> 12122
<211> 252
<212> DNA
<213> Aspergillus nidulans

<400> 12122
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agctagcaga cgaggcgtcc gcgaccaacg ccggggtcgt gttccatata agtctggccc 180
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<210> 12123
<211> 914
<212> DNA
<213> Aspergillus nidulans

<400> 12123
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<210> 12124
 <211> 130
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12124
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 tatgcaattc ttgttctgat gccttactat gtacgtgttt atccccaaag tcttatcacc 120
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<210> 12125
 <211> 438
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12125
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 aaccgtaag atgcaagg 438

<210> 12126
 <211> 441
 <212> DNA
 <213> Aspergillus nidulans

<400> 12126
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<210> 12127
 <211> 803
 <212> DNA
 <213> Aspergillus nidulans

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<210> 12128
<211> 2560
<212> DNA
<213> *Aspergillus nidulans*
<400> 12128

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 <211> 892
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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 12144

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 <213> *Aspergillus nidulans*

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<212> DNA
<213> *Aspergillus nidulans*

<400> 12146

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<212> DNA
<213> *Aspergillus nidulans*

<400> 12147

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<210> 12148
<211> 126
<212> DNA
<213> Aspergillus nidulans

<400> 12148

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<210> 12149
<211> 457
<212> DNA
<213> Aspergillus nidulans

<400> 12149

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12150

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<211> 303
<212> DNA
<213> *Aspergillus nidulans*

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<210> 12152
<211> 988
<212> DNA
<213> *Aspergillus nidulans*

<400> 12152

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<210> 12153
 <211> 165
 <212> DNA
 <213> Aspergillus nidulans

<400> 12153

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<210> 12154
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 <212> DNA
 <213> Aspergillus nidulans

<400> 12154

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<210> 12155

<211> 175

<212> DNA

<213> Aspergillus nidulans

<400> 12155

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catggccagc gacaaaagca ccacagccta ggcgaaaaac accaccacg ccgcc 175

<210> 12156

<211> 527

<212> DNA

<213> Aspergillus nidulans

<400> 12156

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<210> 12157

<211> 852

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 12157

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<210> 12158

<211> 550

<212> DNA

<213> *Aspergillus nidulans*

<400> 12158

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 <213> Aspergillus nidulans

<400> 12164

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<210> 12165
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 <212> DNA
 <213> Aspergillus nidulans

<400> 12165

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<212> DNA
<213> *Aspergillus nidulans*

<400> 12166

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<210> 12167

<211> 99
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 <213> Aspergillus nidulans

<400> 12167

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<400> 12168

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<400> 12169

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 <213> *Aspergillus nidulans*

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 <213> Aspergillus nidulans

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 <213> Aspergillus nidulans

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<210> 12188
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 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 12188

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 12189

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<400> 12190

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 <212> DNA
 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

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<400> 12193

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<213> *Aspergillus nidulans*

<400> 12194

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 <400> 12195

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<213> *Aspergillus nidulans*

<400> 12196

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 12197

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<400> 12198

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<212> DNA
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<400> 12210

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<400> 12211

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<210> 12213
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<400> 12213

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Parameter	Value	Unit	Source
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δ	0.001	cm ² /s	Table 1
ϵ	0.001	cm ² /s	Table 1
ζ	0.001	cm ² /s	Table 1
η	0.001	cm ² /s	Table 1
θ	0.001	cm ² /s	Table 1
ι	0.001	cm ² /s	Table 1
κ	0.001	cm ² /s	Table 1
λ	0.001	cm ² /s	Table 1
μ	0.001	cm ² /s	Table 1
ν	0.001	cm ² /s	Table 1
ξ	0.001	cm ² /s	Table 1
\omicron	0.001	cm ² /s	Table 1
π	0.001	cm ² /s	Table 1
ρ	0.001	cm ² /s	Table 1
σ	0.001	cm ² /s	Table 1
τ	0.001	cm ² /s	Table 1
υ	0.001	cm ² /s	Table 1
ϕ	0.001	cm ² /s	Table 1
χ	0.001	cm ² /s	Table 1
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ω	0.001	cm ² /s	Table 1
φ	0.001	cm ² /s	Table 1
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ς	0.001	cm ² /s	Table 1
η	0.001	cm ² /s	Table 1
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ι	0.001	cm ² /s	Table 1
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<211> 1081

<212> DNA

<213> *Aspergillus nidulans*

<400> 12218

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<212> DNA
<213> *Aspergillus nidulans*
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 gtcattgggc caggcacatc accggctaga cgtcacctgg tgctcgtttg tgcatacacg 420
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<210> 12235
 <211> 2655
 <212> DNA
 <213> Aspergillus nidulans

<400> 12235

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<211> 1503
<212> DNA
<213> Aspergillus nidulans

<400> 12236

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<210> 12237
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12237

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<210> 12238
 <211> 608
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12238

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<210> 12239
<211> 1771
<212> DNA
<213> Aspergillus nidulans

<400> 12239

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<210> 12240
 <211> 142
 <212> DNA
 <213> Aspergillus nidulans

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 gatgcacctt gatgggtgat ga 142

<210> 12241
 <211> 113
 <212> DNA
 <213> Aspergillus nidulans

<400> 12241
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<210> 12242
 <211> 574
 <212> DNA
 <213> Aspergillus nidulans

<400> 12242
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<210> 12243
 <211> 428
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 12243

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 cgcgccccat agaggtcagt cttgtactta taagcgctga ctaggactct cgtctcttgc 360
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 gcgtatat 428

<210> 12244
 <211> 580
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 12244

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<210> 12245
<211> 575
<212> DNA
<213> Aspergillus nidulans

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<210> 12246
<211> 545
<212> DNA
<213> Aspergillus nidulans
<400> 12246

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<210> 12247
<211> 433
<212> DNA
<213> Aspergillus nidulans

<400> 12247

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<210> 12248
<211> 499
<212> DNA
<213> Aspergillus nidulans

<400> 12248

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<210> 12249
<211> 561
<212> DNA
<213> *Aspergillus nidulans*

<400> 12249

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<210> 12250
<211> 1794
<212> DNA
<213> *Aspergillus nidulans*

<400> 12250

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<212> DNA
<213> *Aspergillus nidulans*

<400> 12251

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<212> DNA
<213> *Aspergillus nidulans*

<400> 12252

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<213> *Aspergillus nidulans*

<400> 12253

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 <213> *Aspergillus nidulans*

<400> 12255

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266

<210> 12256

<211> 747

<212> DNA

<213> *Aspergillus nidulans*

<400> 12256

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<210> 12257

<211> 579

<212> DNA

<213> *Aspergillus nidulans*

<400> 12257

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 <212> DNA
 <213> Aspergillus nidulans

<400> 12258

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 <212> DNA
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<400> 12259

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<400> 12262

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 <213> *Aspergillus nidulans*

<400> 12263

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<400> 12264

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<210> 12265

<211> 2033

<212> DNA

<213> *Aspergillus nidulans*

<400> 12265

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<211> 997
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<400> 12266

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<400> 12267

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 <212> DNA
 <213> Aspergillus nidulans

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<210> 12271
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 <212> DNA
 <213> Aspergillus nidulans

<400> 12271

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<210> 12272
 <211> 566
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12272

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<210> 12273

<211> 358

<212> DNA

<213> *Aspergillus nidulans*

<400> 12273

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<210> 12274

<211> 635

<212> DNA

<213> *Aspergillus nidulans*

<400> 12274

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 caacggtttt agaagtttat aaggtgatga gaaag 635

<210> 12275
 <211> 898
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12275

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<210> 12276
<211> 1278
<212> DNA
<213> Aspergillus nidulans

<400> 12276

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<210> 12277
 <211> 436
 <212> DNA
 <213> Aspergillus nidulans

<400> 12277

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<210> 12278
 <211> 126
 <212> DNA
 <213> Aspergillus nidulans

<400> 12278

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aacgct 126
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<210> 12279
 <211> 564
 <212> DNA
 <213> Aspergillus nidulans

<400> 12279

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<211> 506
<212> DNA
<213> *Aspergillus nidulans*

<400> 12280

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<210> 12281
<211> 1717
<212> DNA
<213> *Aspergillus nidulans*

<400> 12281

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<212> DNA
<213> Aspergillus nidulans

<400> 12282

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<210> 12283
<211> 383
<212> DNA
<213> Aspergillus nidulans

<400> 12283

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<210> 12284
<211> 1766
<212> DNA
<213> Aspergillus nidulans

<400> 12284

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<210> 12285
<211> 364
<212> DNA
<213> Aspergillus nidulans

<400> 12285

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<210> 12286
<211> 542
<212> DNA
<213> Aspergillus nidulans

<400> 12286

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<210> 12287
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 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
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 <212> DNA
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 <400> 12288

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<213> *Aspergillus nidulans*

<400> 12290

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 <213> *Aspergillus nidulans*

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<400> 12297

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<213> Aspergillus nidulans

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<400> 12307

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<210> 12308

<211> 251

<212> DNA

<213> *Aspergillus nidulans*

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<210> 12309

<211> 1430

<212> DNA

<213> *Aspergillus nidulans*

<400> 12309

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<212> DNA
<213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

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<400> 12319

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<213> *Aspergillus nidulans*

<400> 12320

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 <213> Aspergillus nidulans

<400> 12323

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17235

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<212> DNA
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<400> 12332

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 <213> Aspergillus nidulans

<400> 12333

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 <213> Aspergillus nidulans

<400> 12334

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<211> 2799
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 12335

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<211> 408
<212> DNA
<213> Aspergillus nidulans

<400> 12336

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<210> 12337
<211> 615
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 12337

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 <211> 322
 <212> DNA
 <213> Aspergillus nidulans

<400> 12338

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 <212> DNA
 <213> Aspergillus nidulans

<400> 12339

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<210> 12340
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 <212> DNA
 <213> Aspergillus nidulans

<400> 12340

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<212> DNA
<213> *Aspergillus nidulans*

<400> 12341

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<400> 12342

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 <213> *Aspergillus nidulans*
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12344

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<400> 12345

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<213> *Aspergillus nidulans*

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<213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

<400> 12355

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 tctattctaa gaccttggtta actaataaga ttttaattta tttaggtaat aatattaagt 240
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 tataaaatat agctataaat agttagagga tctttcttct caattattta gaatatatta 360
 tcttactact ttaagcttct ctgctgataa ccaatatctt atataataga gtattataat 420
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<210> 12356
 <211> 2054
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12356

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 tgttttctga atgtcgcttt ttaccaaact gacagcttca ttattccagt gtcttggggc 180
 agccgctgca aatacctttc attgctacta ccgtgcttgt tgctaatacg ataaaatcgg 240
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 agggggatgg cgccttttgc atcttgaggg aacttttttc ccgtgctgtt gatcttcaaa 420
 ccgcgtcttc cgaagatgta ggctgttctt acttctttgg tatggaagtg tgctgacatc 480
 tgcattttgt ctagctaatt ggattggagc tcgtgaaaat cattctatac acgatcccg 540
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<210> 12357
 <211> 418
 <212> DNA

<213> Aspergillus nidulans

<400> 12357

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gatttggtca aaactggctg tactagctca tcggggcaaa cgtgcgataa cccgagggtt 180
ccggccggga tgaggcagat tctaggtgaa aactgtggaa gctgagcatg ggtacgaagt 240
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tgagagctgac tagaccataa gggccgttac agatccctcc ttgtcgcttg cgtgttttaa 360
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<210> 12358

<211> 735

<212> DNA

<213> Aspergillus nidulans

<400> 12358

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caacaaaacc taccaatacc tctcccccca acaaaccccc caaaccccc cccccctcaa 180
aacaccccaa cccccacccc agcccaaccc aaccaccccc caccgcgggc cccccccct 240
cttcccttcc cccccacccc ccaacacacg aagcaccac ccccaaacct tcccccccc 300
cccaaacccc caacaaaccc ccacaccccc cccccacccc aaaaccccca ccaccccccc 360
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attactacca ccaaccccc cccacacca aaaaccacc ccaatcccc aaccaaccac 480
ccacccccac tccccccct tccacaacac ccacccacc ccatcaacca cccccccac 540
ccctctcca cccacatccc cccaaccacc aatccccacc tccacaaccc ttccacacac 600
ccccaaaat cccccctccc ccacacccc ctagccccc cccttaccac ccaccacacc 660
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acaccaaccc cctca 735

<210> 12359

<211> 543
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 12359

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 cgtaaaccga tgcattgtaa aggagcagcg ctaagggtgg ggcttggaact acctgtatct 180
 ccaggattac cggcagaagc ttgatgcgag caacgatatg acgggctatt ctgctgtcaa 240
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 cgataggaga gataaactga ctgctgcaca gtaaccctat gcatattgca ccagagcctc 480
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<210> 12360
 <211> 620
 <212> DNA
 <213> Aspergillus nidulans
 <400> 12360

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 tcagcgcgat cggatatgaa ctttggacgc aactcacaag ttcgtgcagt ttgggatcgg 180
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 gttttaatcg ctctgccgac tctgcccaga ttttaaacgt tttgcccgac cgctcgcccg 360
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620

<210> 12361
<211> 1730
<212> DNA
<213> Aspergillus nidulans

<400> 12361

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tcaagttgta aggattaatg aataaatgac tcgtcgcata ataataata atcattgtcg 240
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cgatgatatt accaccaatc ggcttcttgg ggtcaggatt aaacatagca ctgggccctc 480
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<210> 12362
<211> 482
<212> DNA
<213> *Aspergillus nidulans*

<400> 12362
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<210> 12363
<211> 556
<212> DNA
<213> *Aspergillus nidulans*

<400> 12363
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<210> 12364
 <211> 496
 <212> DNA
 <213> Aspergillus nidulans

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 ctcaacaagg gatgtgttcc tgcgcgtgaa tacctgaatt gcgtacctgt aacatcagat 180
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 aatagttaga gttgtgactt cagcctcggc gacgcgtagt ctagctgtcc cgcccggatg 300
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 atggaatgaa attattacta caatcggcgg aattgcgcag gctgttcggt agattataag 420
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<210> 12365
 <211> 4302
 <212> DNA
 <213> Aspergillus nidulans

<400> 12365
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<210> 12366
 <211> 557
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 12366

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<210> 12367
<211> 2003
<212> DNA
<213> Aspergillus nidulans

<400> 12367

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 12368

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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 12369

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 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 12370

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 gctaacgctg aattgacgtg acggaggtat agggaaccac ctgcctggcc ggggcgagcc 600
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 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 12371

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<210> 12372
 <211> 885
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12372

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885

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<212> DNA

<213> *Aspergillus nidulans*

<400> 12373

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<210> 12374

<211> 286

<212> DNA

<213> *Aspergillus nidulans*

<400> 12374

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<210> 12375
 <211> 522
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12375

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12376

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<213> *Aspergillus nidulans*

<400> 12377

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<210> 12378
<211> 3537
<212> DNA
<213> *Aspergillus nidulans*

<400> 12378

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<210> 12379
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 <212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 12379

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<210> 12380

<211> 1602

<212> DNA

<213> Aspergillus nidulans

<400> 12380

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<210> 12381
 <211> 560
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12381

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 aagtgcctgc tcgtgaggat ttgcgcgcga ggggtgcgtg agcccttact agaatagagg 480

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gcttggataa agaggcgtat 560

<210> 12382
<211> 560
<212> DNA
<213> Aspergillus nidulans

<400> 12382

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<210> 12383
<211> 918
<212> DNA
<213> Aspergillus nidulans

<400> 12383

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 12385
<211> 580
<212> DNA
<213> *Aspergillus nidulans*

<400> 12385

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<210> 12386
<211> 611
<212> DNA
<213> *Aspergillus nidulans*

<400> 12386

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<210> 12387
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12387

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<210> 12388
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12388

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<210> 12389
 <211> 534
 <212> DNA
 <213> Aspergillus nidulans

<400> 12389
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<210> 12390
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 <212> DNA
 <213> Aspergillus nidulans

<400> 12390
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<210> 12391
 <211> 199
 <212> DNA
 <213> Aspergillus nidulans

<400> 12391
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<210> 12392
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 <212> DNA
 <213> Aspergillus nidulans

<400> 12392

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<210> 12393
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 <212> DNA
 <213> Aspergillus nidulans

<400> 12393

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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <213> Aspergillus nidulans

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<213> Aspergillus nidulans

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<400> 12400

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<400> 12402

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<210> 12403
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<212> DNA
<213> Aspergillus nidulans

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<210> 12404
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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<212> DNA
<213> Aspergillus nidulans

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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 <213> Aspergillus nidulans
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 <213> Aspergillus nidulans
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<210> 12409
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 <212> DNA
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 <400> 12409

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<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<210> 12411
<211> 529
<212> DNA
<213> Aspergillus nidulans
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12412

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 <211> 554
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 12413

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<210> 12414
<211> 1134
<212> DNA
<213> *Aspergillus nidulans*

<400> 12414

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<210> 12415
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 <212> DNA
 <213> Aspergillus nidulans

<400> 12415

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<210> 12416
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 <212> DNA
 <213> Aspergillus nidulans

<400> 12416

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<210> 12417
<211> 165
<212> DNA
<213> *Aspergillus nidulans*

<400> 12417

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<210> 12418
<211> 666
<212> DNA
<213> *Aspergillus nidulans*

<400> 12418

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<210> 12419
<211> 3130
<212> DNA
<213> *Aspergillus nidulans*

<400> 12419

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 <211> 502
 <212> DNA
 <213> Aspergillus nidulans

<400> 12420

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<210> 12421
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 <212> DNA
 <213> Aspergillus nidulans

<400> 12421

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12422

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<212> DNA

<213> *Aspergillus nidulans*

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<210> 12426

<211> 201

<212> DNA

<213> *Aspergillus nidulans*

<400> 12426

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<210> 12427

<211> 145

<212> DNA

<213> *Aspergillus nidulans*

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<223> unsure at all n locations
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<213> *Aspergillus nidulans*
<223> unsure at all n locations
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 <213> *Aspergillus nidulans*
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<210> 12433
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<212> DNA
<213> Aspergillus nidulans

<400> 12433

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<210> 12434
<211> 481
<212> DNA
<213> Aspergillus nidulans

<400> 12434

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 <212> DNA
 <213> Aspergillus nidulans

<400> 12435

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<400> 12437

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<400> 12438

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<210> 12439

<211> 138

<212> DNA

<213> *Aspergillus nidulans*

<400> 12439

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<212> DNA
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<212> DNA
<213> *Aspergillus nidulans*

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 <212> DNA
 <213> Aspergillus nidulans

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<210> 12449
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 <213> *Aspergillus nidulans*

<400> 12449

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 <213> Aspergillus nidulans

<400> 12450

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996

<210> 12451
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<212> DNA
<213> Aspergillus nidulans

<400> 12451

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<210> 12452
<211> 141
<212> DNA
<213> Aspergillus nidulans

<400> 12452

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<210> 12453
<211> 3578
<212> DNA
<213> Aspergillus nidulans

<400> 12453

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<212> DNA
<213> *Aspergillus nidulans*

<400> 12454

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<210> 12455

<211> 146
 <212> DNA
 <213> Aspergillus nidulans

<400> 12455

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<210> 12456
 <211> 861
 <212> DNA
 <213> Aspergillus nidulans

<400> 12456

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<210> 12457
 <211> 1395
 <212> DNA

<213> Aspergillus nidulans

<400> 12457

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<210> 12458

<211> 711
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 12458

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 agactatcac caattttcta ttgcgctgcc cgattcttgt attagcgctt tatitttcaat 180
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<210> 12459
 <211> 861
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 12459

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<210> 12460
 <211> 230
 <212> DNA
 <213> Aspergillus nidulans

<400> 12460
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<210> 12461
 <211> 196
 <212> DNA
 <213> Aspergillus nidulans

<400> 12461
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<210> 12462
 <211> 2067
 <212> DNA
 <213> Aspergillus nidulans

<400> 12462

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<213> *Aspergillus nidulans*

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 <213> Aspergillus nidulans
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<400> 12471

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<400> 12473

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<400> 12474

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<212> DNA
<213> Aspergillus nidulans

<400> 12475

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 <213> *Aspergillus nidulans*

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<400> 12478

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 <213> *Aspergillus nidulans*

<400> 12479

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 <212> DNA
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 <223> unsure at all n locations
 <400> 12481

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 <213> Aspergillus nidulans

<223> unsure at all n locations
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 <213> Aspergillus nidulans

<400> 12483

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<400> 12484

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<213> *Aspergillus nidulans*

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tttacagacc ggatatacga cagaccccat gtagtagctg gatacgaatg atgttatgcc 540
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<210> 12486
<211> 104
<212> DNA

<213> Aspergillus nidulans

<400> 12486

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<210> 12487

<211> 1098

<212> DNA

<213> Aspergillus nidulans

<400> 12487

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cctttccact tacacccaaa ggccttttcc ttaacaaacc cctagccttt cctgttcaac 540
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 <212> DNA
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<400> 12488

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<210> 12489
 <211> 965
 <212> DNA
 <213> Aspergillus nidulans

<400> 12489

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<210> 12490
 <211> 271
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 12491
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 <212> DNA
 <213> *Aspergillus nidulans*

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 <211> 559
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 12492

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agcaagccat attacaaatg ggacagttct tacggcaatc gacacaccaa aggtttctat 240
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gcgcttgtgt tgggcctact gctgttcata gctgcctggg cctcgcagta atcgagggtcg 480
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atcagcccat acccagtcg 559

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<211> 184
<212> DNA
<213> Aspergillus nidulans

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ttaa 184

<210> 12494
<211> 660
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<210> 12496
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<212> DNA
<213> *Aspergillus nidulans*

<400> 12496
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<210> 12497
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 <213> *Aspergillus nidulans*
 <400> 12497

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 <213> *Aspergillus nidulans*

<400> 12505

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 <213> *Aspergillus nidulans*

<400> 12507

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<212> DNA
<213> Aspergillus nidulans

<400> 12508

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<211> 194
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<210> 12510
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<212> DNA
<213> Aspergillus nidulans
<400> 12510

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<212> DNA
<213> *Aspergillus nidulans*

<400> 12511

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<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
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 <213> Aspergillus nidulans

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<210> 12516

<211> 119
 <212> DNA
 <213> Aspergillus nidulans

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<210> 12517
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 <213> Aspergillus nidulans

<223> unsure at all n locations
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<400> 12520

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 <213> Aspergillus nidulans

 <223> unsure at all n locations
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 <213> Aspergillus nidulans

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<210> 12524
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 <213> Aspergillus nidulans

<223> unsure at all n locations
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<213> Aspergillus nidulans

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<210> 12527
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 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
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 <400> 12528

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<400> 12538

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<211> 2197
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 12539

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 <212> DNA
 <213> Aspergillus nidulans

<400> 12540

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<210> 12541
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 <212> DNA
 <213> Aspergillus nidulans

<400> 12541

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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 12542

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<210> 12543
<211> 489
<212> DNA
<213> *Aspergillus nidulans*

<400> 12543

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<212> DNA
<213> *Aspergillus nidulans*

<400> 12544

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<210> 12545
<211> 1743
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 12545

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<211> 538
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 12546

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<211> 511
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 12547

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<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
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 <213> Aspergillus nidulans

<400> 12571

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 <213> Aspergillus nidulans

<400> 12572

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 <213> Aspergillus nidulans

<400> 12573

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 <213> *Aspergillus nidulans*

<400> 12574

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 <211> 104
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 12575

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 12576

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<212> DNA
<213> *Aspergillus nidulans*

<400> 12577

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<210> 12578

<211> 898

<212> DNA

<213> *Aspergillus nidulans*

<400> 12578

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<211> 941

<212> DNA
<213> Aspergillus nidulans

<400> 12579

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<212> DNA
<213> Aspergillus nidulans

<400> 12580

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<210> 12581
<211> 448
<212> DNA
<213> Aspergillus nidulans

<400> 12581

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<210> 12582

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<212> DNA

<213> *Aspergillus nidulans*

<400> 12582

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<213> Aspergillus nidulans
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 <211> 179
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 <213> Aspergillus nidulans
 <400> 12586

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<210> 12587
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 12587

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 <211> 129

<212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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 <213> Aspergillus nidulans
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<210> 12592
 <211> 647
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12592

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 <213> *Aspergillus nidulans*

<400> 12593

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 <212> DNA
 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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<210> 12596
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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 12597
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 12597

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<210> 12598
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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<212> DNA
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<400> 12599

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 12601
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<212> DNA
<213> Aspergillus nidulans

<400> 12601

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<400> 12604

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 <213> *Aspergillus nidulans*

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<213> Aspergillus nidulans

<400> 12608

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12610

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<223> unsure at all n locations
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<213> Aspergillus nidulans

<400> 12620

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<212> DNA

<213> Aspergillus nidulans

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<210> 12622

<211> 150

<212> DNA

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<400> 12622

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<400> 12626

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<210> 12631
<211> 192
<212> DNA
<213> Aspergillus nidulans
<400> 12631

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<210> 12632
<211> 680
<212> DNA
<213> Aspergillus nidulans
<400> 12632

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<210> 12633
<211> 3088
<212> DNA
<213> Aspergillus nidulans
<400> 12633

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<210> 12634
<211> 120
<212> DNA
<213> *Aspergillus nidulans*

<400> 12634

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<210> 12635
<211> 590
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 12635

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<210> 12636
 <211> 260
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 12637
 <211> 125
 <212> DNA
 <213> Aspergillus nidulans
 <400> 12637

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<210> 12638
 <211> 601
 <212> DNA
 <213> Aspergillus nidulans
 <400> 12638

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<210> 12639
 <211> 551
 <212> DNA
 <213> Aspergillus nidulans

<400> 12639

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<210> 12640
 <211> 164
 <212> DNA
 <213> Aspergillus nidulans

<400> 12640

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<210> 12641
<211> 597
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 12641

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<210> 12642
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<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 12642

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<210> 12643
<211> 461
<212> DNA
<213> Aspergillus nidulans

<400> 12643

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<210> 12644
<211> 4605
<212> DNA
<213> Aspergillus nidulans

<400> 12644

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<210> 11465

<211> 560
 <212> DNA
 <213> Aspergillus nidulans

<400> 11465

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<210> 11466
 <211> 674
 <212> DNA
 <213> Aspergillus nidulans

<400> 11466

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<210> 11468
 <211> 109
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11468

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<210> 11469
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11469

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<210> 11470

<211> 198
 <212> DNA
 <213> Aspergillus nidulans

<400> 11470

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<210> 11471
 <211> 1954
 <212> DNA
 <213> Aspergillus nidulans

<400> 11471

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<210> 11472
 <211> 292
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11472

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<211> 2608
<212> DNA
<213> Aspergillus nidulans

<400> 11473

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 <211> 507
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11474

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<210> 11475
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 <212> DNA
 <213> Aspergillus nidulans

<400> 11475

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<400> 11476

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<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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 <213> Aspergillus nidulans

<400> 11478

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<400> 11480

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<400> 11483

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<400> 11488

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<400> 11489

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<400> 11490

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 <213> Aspergillus nidulans

<400> 11493

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<210> 11494

<211> 429

<212> DNA

<213> *Aspergillus nidulans*

<400> 11494

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11496

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<400> 11504

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<400> 11506

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<400> 11508

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<400> 11509

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<213> Aspergillus nidulans

<400> 11511

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<210> 11513
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<213> *Aspergillus nidulans*

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<213> *Aspergillus nidulans*

<400> 11515

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<400> 11516

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<213> Aspergillus nidulans

<400> 11517

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<210> 11518
 <211> 206
 <212> DNA
 <213> Aspergillus nidulans

<400> 11518

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<210> 11519
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<400> 11519

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<213> Aspergillus nidulans

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<211> 600
<212> DNA
<213> Aspergillus nidulans

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<210> 11523
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 <213> Aspergillus nidulans

<400> 11523

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<210> 11524
 <211> 154
 <212> DNA
 <213> Aspergillus nidulans

<400> 11524

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 aaaggcttgg gtaggggaat agctatgata agag 154

<210> 11525
 <211> 1321
 <212> DNA
 <213> Aspergillus nidulans

<400> 11525

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11526

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<210> 11527
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<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 11527

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<210> 11528
<211> 1502
<212> DNA
<213> Aspergillus nidulans
<400> 11528

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<400> 11532

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<213> *Aspergillus nidulans*

<400> 11534

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 <400> 11537

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<213> Aspergillus nidulans

<400> 11543

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<400> 11552

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<400> 11553

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<400> 11554

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<211> 531
 <212> DNA
 <213> Aspergillus nidulans

<400> 11555

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 <213> Aspergillus nidulans

<400> 11556

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 <213> Aspergillus nidulans

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<210> 11558

<211> 170

<212> DNA

<213> Aspergillus nidulans

<400> 11558

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<210> 11559

<211> 472

<212> DNA

<213> Aspergillus nidulans

<400> 11559

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<210> 11560

<211> 2426

<212> DNA

<213> Aspergillus nidulans

<400> 11560

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 11561

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 <212> DNA
 <213> Aspergillus nidulans

<400> 11564

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<400> 11565

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<400> 11566

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11569

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 <212> DNA
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 <223> unsure at all n locations
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<213> Aspergillus nidulans

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<210> 11572
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<212> DNA
<213> Aspergillus nidulans

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<213> *Aspergillus nidulans*

<400> 11573

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<212> DNA
<213> *Aspergillus nidulans*

<400> 11574

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<212> DNA
<213> *Aspergillus nidulans*

<400> 11575

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<400> 11576

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<210> 11577
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 <213> Aspergillus nidulans

<400> 11577

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<210> 11578
 <211> 340
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<400> 11579

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<400> 11581

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 <213> Aspergillus nidulans

<400> 11583

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<400> 11585

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 <213> Aspergillus nidulans

<400> 11624

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 <213> *Aspergillus nidulans*

<400> 11627

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 <213> *Aspergillus nidulans*

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 <211> 151
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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 <213> Aspergillus nidulans
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<210> 11633
 <211> 213
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 11633

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<210> 11634
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<212> DNA
<213> Aspergillus nidulans

<400> 11634

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<212> DNA
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<210> 11656
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11656
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<210> 11658
 <211> 509
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11658

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attcttcggt caaacatggt cagcgccggc acgatggggt gatcggcgga agacttggat 360

tcgcattcat tcccatatca cgatcatttg ctctggcacc ctgccaaaaa aaattcggag 420

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ggggaattaa tctggccatc tgatcccc 509

<210> 11659

<211> 2722

<212> DNA

<213> *Aspergillus nidulans*

<400> 11659

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cctgccccctg ctgcgctgct cgtcgctctg caatcttttg ccgtttgaac tcttcaatct 180

tggccttaag atcggtatct atggacttat tagcttatta atcctcaaag ataaaggggg 240

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<210> 11660
<211> 470
<212> DNA
<213> *Aspergillus nidulans*

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<210> 11661
<211> 1136
<212> DNA
<213> *Aspergillus nidulans*

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<210> 11662
 <211> 2137
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11662

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ataaagagtg taatagaaat gagtgaagaa gtaaaaggta aaataagtgg agaggaagag 660
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<210> 11663
 <211> 436
 <212> DNA
 <213> Aspergillus nidulans

<400> 11663

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<210> 11664
 <211> 218
 <212> DNA
 <213> Aspergillus nidulans

<400> 11664

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<210> 11665
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 <212> DNA
 <213> Aspergillus nidulans

<400> 11665

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<210> 11666
 <211> 1324
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11666

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<400> 11667
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<212> DNA
<213> *Aspergillus nidulans*

<400> 11668
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<210> 11669
<211> 2515
<212> DNA
<213> *Aspergillus nidulans*

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 <211> 2176
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11670

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 <211> 2651
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11671

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 <211> 2266
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11672

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<210> 11673
<211> 537
<212> DNA
<213> Aspergillus nidulans

<400> 11673

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<210> 11674
<211> 1002
<212> DNA
<213> Aspergillus nidulans

<400> 11674

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<210> 11675
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 <212> DNA
 <213> *Aspergillus nidulans*

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<400> 11682

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<400> 11683

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<400> 11685

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<212> DNA

<213> *Aspergillus nidulans*

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<211> 624

<212> DNA

<213> *Aspergillus nidulans*

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<210> 11689
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<212> DNA
<213> Aspergillus nidulans

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 <213> Aspergillus nidulans

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 <213> Aspergillus nidulans

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<400> 11694

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 <213> Aspergillus nidulans

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 cggatcgcga tcgcctaagc aagcggctta accggtgtgt actgcacatc accatgttaa 180
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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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 <212> DNA
 <213> Aspergillus nidulans

<400> 11714

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 <213> *Aspergillus nidulans*

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<210> 11716
 <211> 1286
 <212> DNA
 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11717

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 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> Aspergillus nidulans
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<213> Aspergillus nidulans

<400> 11720

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<210> 11721

<211> 114

<212> DNA

<213> Aspergillus nidulans

<400> 11721

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<210> 11722

<211> 592

<212> DNA

<213> Aspergillus nidulans

<400> 11722

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<211> 182
 <212> DNA
 <213> Aspergillus nidulans

<400> 11723

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<210> 11724
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 <213> Aspergillus nidulans
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 <213> *Aspergillus nidulans*

<400> 11726

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<210> 11727
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11727

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 <213> Aspergillus nidulans

<400> 11728

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<400> 11729

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<400> 11732

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 <212> DNA
 <213> Aspergillus nidulans

<400> 11737

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 <213> Aspergillus nidulans

<400> 11738

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 <213> Aspergillus nidulans

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<400> 11743

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<400> 11744

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<400> 11745

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<400> 11746

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<400> 11747

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<400> 11751

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<400> 11766

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<400> 11767

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<400> 11768

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<400> 11769

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<400> 11772

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<400> 11776

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<212> DNA
<213> *Aspergillus nidulans*

<400> 11778

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<212> DNA
<213> *Aspergillus nidulans*

<400>

11779

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<212> DNA
<213> Aspergillus nidulans

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<210> 11781
<211> 415
<212> DNA
<213> Aspergillus nidulans

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<210> 11782
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<400> 11782

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<210> 11783
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<212> DNA
<213> Aspergillus nidulans

<400> 11783

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<210> 11784
<211> 396
<212> DNA
<213> Aspergillus nidulans

<400> 11784

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<210> 11785
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11785

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<210> 11786
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 <213> *Aspergillus nidulans*

<400> 11786

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442

<210> 11787
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<212> DNA
<213> Aspergillus nidulans

<400> 11787

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<210> 11788
<211> 665
<212> DNA
<213> Aspergillus nidulans

<400> 11788

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<211> 120
<212> DNA
<213> Aspergillus nidulans

<400> 11789

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<210> 11790
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<212> DNA
<213> Aspergillus nidulans

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<210> 11791
<211> 413
<212> DNA
<213> Aspergillus nidulans

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<210> 11792
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<212> DNA
<213> Aspergillus nidulans

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<210> 11793
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11793

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<210> 11794
 <211> 3081
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11794

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<213> Aspergillus nidulans

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<400> 11802

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<210> 11805

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<212> DNA

<213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

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<210> 11807
<211> 176
<212> DNA
<213> Aspergillus nidulans

<400> 11807

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<211> 860
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<211> 2062
<212> DNA
<213> Aspergillus nidulans
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 <211> 115
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 11811
 <211> 660
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 11812
<211> 1097
<212> DNA
<213> Aspergillus nidulans

<400> 11812

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<210> 11813
<211> 126
<212> DNA
<213> Aspergillus nidulans

<400> 11813

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<210> 11814

<211> 212

<212> DNA

<213> *Aspergillus nidulans*

<400> 11814

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<210> 11815

<211> 1987

<212> DNA

<213> *Aspergillus nidulans*

<400> 11815

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations

<400> 11816

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<210> 11817

<211> 2374

<212> DNA

<213> *Aspergillus nidulans*

<400> 11817

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11818

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<210> 11819
 <211> 491
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11819

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11820

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<400> 11821

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<213> *Aspergillus nidulans*

<400> 11836

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<400> 11837

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<400> 11838

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 <213> *Aspergillus nidulans*

<400> 11839

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 <213> *Aspergillus nidulans*

<400> 11840

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 <213> Aspergillus nidulans

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 <400> 11844

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 gatacgaca gacaccgacc aggacgagga cgacaccgaa acaaacggca caacgagaca 240
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 aacagcccgg gaacaacgca cccgacagga cggggagcca gaacaccaca acacccaagg 360
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 <212> DNA
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<400> 11845

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<210> 11846
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11846

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<400> 11847

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agctcaggaa aagaccgaca cttgggatgt cagaatcact acaacatagc ttcagtatgt 180

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tgcg 244

<210> 11848

<211> 121

<212> DNA

<213> *Aspergillus nidulans*

<400> 11848

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<210> 11849

<211> 179

<212> DNA

<213> *Aspergillus nidulans*

<400> 11849

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tggcggggga cgtggtgttg aggtgaagga gggtagagga gcgtgtgggg tgggtgtggg 179

<210> 11850

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<212> DNA

<213> *Aspergillus nidulans*

<400> 11850

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ggagaatgct catacacagc gagagacagc acttagtcgt acagcaagac aagatgcgcg 180

acgcatacag agactggaag cagatt 206

<210> 11851
<211> 100
<212> DNA
<213> Aspergillus nidulans

<400> 11851

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agccgatctc gacggcatca gcgtcatgca ctcggtctgt 100

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<212> DNA
<213> Aspergillus nidulans

<400> 11852

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ggaggaagga tcgagaggcg gccagacgcc catccgccg ccggagggac cagagaagga 180

cacaagcgcc gcaatgcgca gacacgacga tggcccgaaa ttcaatgttc cagcggaggg 240

cgaatcgggc aacgacaagt cacagggacc accggacggc ctccggggccg ggatagcgcg 300

ctggaaagtc ccatgcaacc agcagcccag gcagaaaccc cagggcgcat acccaggcct 360

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cggc 424

<210> 11853
<211> 614
<212> DNA
<213> Aspergillus nidulans

<400> 11853

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gacttctggc gctgtgcagg tgacatgggt ccatcaagca tgactgtatt aaagccagct 180

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 <212> DNA
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 gattttggac gggccattc ggggggtgaaa cctggacttg aaggcctaata tctgggggtta 180
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<210> 11856
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 <212> DNA
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<400> 11856

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<210> 11857
<211> 1260
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 11857

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<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 11858

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aaaactgcat caaggggca 139

<210> 11859
<211> 173
<212> DNA
<213> *Aspergillus nidulans*
<400> 11859

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<210> 11860
<211> 123

<212> DNA
<213> Aspergillus nidulans

<400> 11860

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<210> 11861
<211> 2764
<212> DNA
<213> Aspergillus nidulans

<400> 11861

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<211> 144
<212> DNA
<213> Aspergillus nidulans

<400> 11862

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<210> 11863
<211> 100
<212> DNA
<213> Aspergillus nidulans

<400> 11863

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<210> 11864
<211> 1012
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11865

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<210> 11866
 <211> 2749
 <212> DNA
 <213> *Aspergillus nidulans*

<400>

11866

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<400> 11888

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 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

<400> 11894

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<212> DNA
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<400> 11899

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<212> DNA

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<400> 11903

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<400> 11906

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 <213> *Aspergillus nidulans*

<400> 11910

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<213> *Aspergillus nidulans*

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<213> *Aspergillus nidulans*

<400> 11915

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<400> 11918

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<212> DNA
<213> Aspergillus nidulans

<400> 11919

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<211> 271
<212> DNA
<213> Aspergillus nidulans

<400> 11920

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<213> Aspergillus nidulans

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<210> 11923
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<400> 11923

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<210> 11924
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 <213> *Aspergillus nidulans*

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 c 121

<210> 11926
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 <212> DNA
 <213> *Aspergillus nidulans*

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<211> 266
<212> DNA
<213> *Aspergillus nidulans*

<400> 11927

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<210> 11928
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11928

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<212> DNA
<213> Aspergillus nidulans
<400> 11929

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<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<211> 1853
<212> DNA
<213> *Aspergillus nidulans*

<400> 11931

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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 11932

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 <213> *Aspergillus nidulans*
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<210> 11935
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<212> DNA
<213> Aspergillus nidulans

<400> 11935

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<210> 11936
<211> 2148
<212> DNA
<213> Aspergillus nidulans

<400> 11936

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<210> 11937
<211> 559
<212> DNA
<213> Aspergillus nidulans

<400> 11937
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<210> 11938
<211> 525
<212> DNA
<213> Aspergillus nidulans

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<210> 11939
 <211> 113
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 11940
 <211> 1830
 <212> DNA
 <213> Aspergillus nidulans
 <400> 11940

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 aaaagaggaa ggctttctgt gatgagagaa aaaaaatttc gaaaggaaca aaaaaggac 240
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 <211> 194
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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<210> 11942
 <211> 3269
 <212> DNA

<213> Aspergillus nidulans

<400> 11942

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11943

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<210> 11944
 <211> 122
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11944

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<210> 11945
 <211> 601
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11945

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<210> 11946

<211> 284

<212> DNA

<213> *Aspergillus nidulans*

<400> 11946

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catatcatga caatacccaa tattacaggg atatacatat atttaagaga agacataacg 180
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caatactaga tataataata tgacatatat atagaatata atag 284

<210> 11947

<211> 167

<212> DNA

<213> *Aspergillus nidulans*

<400> 11947

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167

<210> 11948
<211> 3471
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 11948

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<210> 11949
 <211> 2144
 <212> DNA
 <213> Aspergillus nidulans

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<210> 11950
 <211> 1798
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11950

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<210> 11951
 <211> 593
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11951

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<210> 11952
 <211> 714
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11952

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<210> 11953
 <211> 1347
 <212> DNA
 <213> Aspergillus nidulans

<400> 11953

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<210> 11954
 <211> 630
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 11954

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 aaaaaaaact atttttttgg gcgttttttt ggggtttttt attttttttg cgccttcttg 420
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<210> 11955
 <211> 573
 <212> DNA
 <213> Aspergillus nidulans
 <400> 11955

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<210> 11956
<211> 1062
<212> DNA
<213> *Aspergillus nidulans*

<400> 11956

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<210> 11957
 <211> 2729
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11957

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<211> 445
 <212> DNA
 <213> Aspergillus nidulans

<400> 11958

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<210> 11959
 <211> 482
 <212> DNA
 <213> Aspergillus nidulans

<400> 11959

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<210> 11960
 <211> 408
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
<400> 11960

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gggcacccca acaaccggcg ggaagccgcc cgaggaaggt atattttccc tcccgttttc   360
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<210> 11961
<211> 1954
<212> DNA
<213> *Aspergillus nidulans*

<400> 11961

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 <211> 481
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 11962

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 <213> Aspergillus nidulans

<400> 11963

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<210> 11964
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 <213> Aspergillus nidulans

<223> unsure at all n locations
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<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 11965

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<210> 11966
<211> 629
<212> DNA
<213> *Aspergillus nidulans*
<400> 11966

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cgtcaagaca tgggaagagc tgcagcacga tggctactat ctaccagaac cacagcgtag 180
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<211> 902
<212> DNA
<213> Aspergillus nidulans

<400> 11967

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<210> 11968
<211> 533
<212> DNA
<213> Aspergillus nidulans

<400> 11968

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<210> 11969
<211> 150
<212> DNA
<213> *Aspergillus nidulans*

<400> 11969

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ataacacaca caaacaacaa tacatagaga 150

<210> 11970
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<212> DNA
<213> *Aspergillus nidulans*

<400> 11970

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 <400> 11971

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<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 11972

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<212> DNA
<213> Aspergillus nidulans
<400> 11973

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<211> 3160
<212> DNA
<213> Aspergillus nidulans
<400> 11974

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<213> *Aspergillus nidulans*

<400> 11976

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<400> 11977

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<212> DNA
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<400> 11979

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<213> Aspergillus nidulans

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<212> DNA
<213> *Aspergillus nidulans*
<400> 11981

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ctgtttgttg cagtgttggg gatggtcatt tatgtatgat ttgatttgaa ttttaacttat 180
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tatgtattta tcccgcagg aggactttcg cattttgtcc atggttattc cgtatcccgga 300
gttcctcaga gacggcagat tgtttactgt tctttctgt ttgcggagtg taatgctgtt 360
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agcactagat ccaaacacca cggtaaaactt cggtagatcg gcacaagcaa cggcggtcac 1440
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<210> 11982
<211> 593
<212> DNA
<213> *Aspergillus nidulans*

<400> 11982

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gcttgctctc tggggatcta ctctggagc aaaaggagaa agcggcgccc aagggcaaac 120
agaaaaaaaa ggccgctgta gtagctgaca gtcgcaacgc tatcaagcag ttgcacgggt 180
gcgggctggc gttcaaagt gtcaatgacg cgaaacgtgg agtcctcgta tatgttcgtg 240
tctactccgg gtccttggac cgcggtagtc tattatataa taccaacttg aatgtttcgg 300
agcgcgcacc tcgcctcctc aaaatgtacg ccaacgatgc ggttgaagtt gattcgatca 360
gtgaaggaca aattgggggt gtggctggcc tcaagcacgc ccgtactggc gatacacttg 420
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caattgacgt accgccacca gtgttcttcg caagcgtcga acctcacagc ctagctgagg 540
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<210> 11983
<211> 497
<212> DNA

<213> Aspergillus nidulans

<400> 11983

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tcaacagccg aggagaagct tatcatatatt ctatatgtta cagcctcgct cttccgtgtc 180
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gacaagtcag aggtcaaac ccaactagca agttttgagt acacccgaac ccgatcgacc 300
catcacgggt ttgtgtcca ccacgtcggg aaccgcggg ttgtgtcatg ttaaagagtc 360
caagtgtcgt ggcatctgca tatccagaaa tgagctctca gaccaagta caaaggaaaa 420
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<210> 11984

<211> 1613

<212> DNA

<213> Aspergillus nidulans

<400> 11984

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cgggggcagg gggattccag ctctccacct cttccgttac ggatctcacc tgtcttaacg 180
cttcactttc catcttcgat caaacgtcaa ttccgaatt gcgccggaag tctgtgcaac 240
tgaccgctta ccttgaatac ttgttggtga aagacacaac agacgaaacc cgccattcc 300
gtattattac cccctctaac cccgaagaac gaggcgcgca gctaagtctc ctctcaagc 360
ccggtctgct gcaaagggtc gccgacaagc tgcagtctgc atcgattgtt tgcgacaagc 420
gcgagcccg cggtgtccgt gttgcccctg ctctctgtga caacacctac agcgagggtg 480
ggcaatttgt ggaacagctg aaggctgcat tccaggagta aagttaatcg cgtccaatgg 540
cattattagg aagcgtgtac actgttcaaa tctccgtatg gctggaagcg ctcttgatag 600
agcgatactt gggcaaagcg gaggaaccgg gactgtttca atctagacac tcgtagatac 660
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aacagctggt aggcgcttca agtcagggtt cgaagtcact ggtcataaat tcaacattac 780
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 aaggatacat gacccaaccg gaacgagagg tctagttgta aagattcgtg ttagctggcc 1320
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 ggaacacgaa cctgcattga taaagactga gttagcaaag tgtgcctcgc aatggaatgg 1500
 tctctcggag ccagaactca gccaatcaag cagggcatat tatggtgccg gatgccgact 1560
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<210> 11985
 <211> 345
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11985

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 gtgcctgacg ccgtgatggt gtgtggcaga ggggtgtgct gtgggcgggtg ggatgtccgt 180
 cggccgggag gagggatgcg agggctggcg gaggaagggg ctacgggcag tgaggaaggc 240
 cggaggttcc aaggttctgg gagtgtgtgt gcttgctgtg ggaggcagga atgggcggac 300
 ggttgccgga tggaagcga tggggagtag agaggtgtgg aggtg 345

<210> 11986
 <211> 849
 <212> DNA

<213> Aspergillus nidulans

<400> 11986

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ctgctcccca cgtatgctcg tactcgcta cagtagacat ctttaagagac tttccgggat 180
ctatttatcc caaacgtccc ccttgaatca ccagttccac tgtgcattag actgatgatc 240
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agcagtggcg tgactgcgtt tgaactgcgg atctcccgtt caaacagtct ccgctggacg 480
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ccgggtata ctccggatat acagcccttt acatgggtcat caatacctgc cagctcctga 600
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tagccaactc actgaaacaa cctggggcag cgtcttcttg ccgaatcctt tccttgaac 780
ctttggcacc agcgtaatgg ggtggtcttt tttccagtcc cttttcccg cacttggttt 840
cgcccaaaa 849

<210> 11987

<211> 967

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 11987

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atctgttaaa acacaaacat ggtggtgctt atcattccat gcgagggccc aactctagac 180
caatttctcc atcttccgca atctcccaa cctccaaagc tccttaacgg ttcgcccctg 240
cccctccatc aatcctgcat ctaacaagca attagtttct ttttttgacg ctagggtact 300
ttcctgcaga ggaacgaggc caatatggcc aacgatcagc atcccgcagt gttccttttc 360

caaattcggc gactcaagca ataggattcc accgttacgc gcccgccaca atgcagcatc 420
 atttagctcg aggtgatctg gcagagccaa tgtgacaaca acacaacaac caacgaatca 480
 aatctacgtc ctgcaactatg gcagaatcga tggttcgaca cgtttgccag ggcaggccgg 540
 catgcagcat gttgactggc ctacggcaaa gctcttgttt gacgacgtct gtccttgcc 600
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 attacgtgac tatttggttac tgccccgagc ggttttactg tgccctgttt tgactcagtt 780
 gcacttgnn gggaggaacc cgtgttcttt aagcgccgaa attgctccaa gacaacattt 840
 ttagggttcg ttttttttcc cccccgtctt ttttaaaga gacctttttt tttgttgcaa 900
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 cttttttt 967

<210> 11988
 <211> 618
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 11988

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 gttgtctgca ttgtaaactc aaataagact cgtcatctag aagatcatca tgtgaggggg 120
 agataaaaagg tgcaagacgg aattaccttg taaaaatcta atgcatttga gacaaacggc 180
 tcgcatccc ttcccagtct ggctttgtta ttagcctcaa gcaaaactcc cattgacaga 240
 gcatgttttg tagacggtaa tctcagtggg cgaggttttc taggcctgcc gcaaaatggc 300
 ttatccgtca agaccggacg tctgtcgaac gccgtcggag cccaatgccg ctcatcttc 360
 gaaaaacaca attcttgagc aagagaatgt taagagctta ccatcgggta atgagaagat 420
 ggttcctaaa tttgtcttaa aaactcagaa catgccattc aggtttaaca gagcaacatt 480
 tgtggacaag attggaaagg tcaggaatag cctttttgtt tgacttcaga aagccaaggc 540
 cctcagccgg ttattttcaa cggtatttat acggaaggag ccttatttca aaaaaaaaaa 600
 tcaagttacg ggatgagg 618

<210> 11989
 <211> 155
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 11989

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 tcttctatgc agttcattga caagcattgt atttaataat gcaagtgaag gctagatcgg 120
 cntgagtttg gatcccgctg gcgagatgga tcata 155

<210> 11990
 <211> 726
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 11990

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 cagatatgac agcagaaagc cgcaaattgc gtgaccgatt attgtgtgtc atcgcgactc 180
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 acttcg 726

<210> 11991
 <211> 631
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11991

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atcttttgag tcttgctttc gagcagcttg gtgcttttga gttcttctgt gattgttcca 120

ataatgcttt tgacatcaca ccggagatct actaatgtga cgaaaggggg tcaggttatt 180

caaggctgca ttcttgctgc acgtgagagg ggccgaccct atgggacggt ccctgtcatg 240

cctatatgtc tcttgtaaca tgtcacgagg ctcccaacac cagcgacctg aagatttata 300

ctctttatag aaagtctgac tgcccatacc actcccaagg aaaaacttac atctggattc 360

cctatatgct tctaattgtt gcgcaatgtg tcttctctac aacgaggtag ctggttatgg 420

gcttcttcac agaatgatca catcttggtg tgttaccact atggactcta ctagtctttt 480

ctcttactat ctccgtatgg tctccaatat ttataactcc ttttctgtct tgatctctta 540

gcttgtcttt ttatatgtgc tacctttatt cttggtttct aacatgatat tatgtgtatc 600

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<210> 11992

<211> 467

<212> DNA

<213> *Aspergillus nidulans*

<400> 11992

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ttcgcgcgag gagtcgtgtg gggctctgac agtgtccgag gacctgctca cgcaggaggc 120

ttatgtaaga tagtatatga cccatgttac tctgaccat gggactggta tgaaggtagt 180

agaagcctga attaggaact acctaccgta cgttgaggga cggccttttt ggcagggaatg 240

tgagctcggg gacaattggg aagagatctg tgaaatttac agcagattga agacggacat 300

tcgttgctcc tgtggagaga agactgttac aaatgcgctt ataactgact gaagtgttcg 360

aacgaccctt tgtggaacta gccgatccga atcgggtgcc gtggcaccgt tttgaaggca 420

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<210> 11993

<211> 465

<212> DNA

<213> *Aspergillus nidulans*

<400> 11993

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catctggcctt tgaccaccac cttggccacc gaatccccct tggccctggt gtccgccgac 180

tgcgcctgat tgcccaccca tcatcggttg ggcattgctgc atgaaagaca tgggatccat 240

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<210> 11994

<211> 448

<212> DNA

<213> *Aspergillus nidulans*

<400> 11994

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cctacaaggc tatcttccat gacgcgctat gcggacccta cgactggaat gctgaagggc 180

atctaaggcg tacgtgctgg tctacttttg gatacacttc ggcagaacgt atgcagatcc 240

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tacgattttt tgctcttaccg ttcctggcgg gacaagctgg cgcggcgcca gattatccga 360

cataaagtgc ttggaacagg ttaggaaaca tcggctcaac ctatggatac gattgaccaa 420

tctctgggct aatcaagcgg tgctcgaca 448

<210> 11995

<211> 470

<212> DNA

<213> *Aspergillus nidulans*

<400> 11995

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aacagatatc atagatacaa ggcttattag cggcatgttg cgtaccataa ggctacgatc 180
 cttcttctca atctaggaat gatcgaatga tacctcaacc agcaggatcc tgatttatgt 240
 tctatttgga gcgctccttg tgatgctaata cgtgatcctc aacaaaacct ggagggcacg 300
 gcagatcaat cactgtgcgc aaagcgattt agaaaaata ataagtcctt cccctaaga 360
 attctatata cttgttgggt attaatgaag cgattatata taatctaagg gtaattgaga 420
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<210> 11996
 <211> 218
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11996
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 acggcgagaa gcgcagaaag ggggaacgga agacggcaag accagggcgcc gccgcagagg 120
 gcagggcgac caggcgcggg ccaagacaaa agcaaccgag aacgacgaga caacggggcca 180
 ccggcagaac gcgcgccggc aaccgggacg gagaacgg 218

<210> 11997
 <211> 2827
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 11997
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 gacaatgcga aatttttgcg aaacgggcag gctagcaaaa tagaagcctt caacagagga 180
 aaaaaacgcc ggacaagtaa aaaaaagatt cgaaggagca gcccaaataa ggcaatcgat 240
 aagaaattca agataagggt ggacgggtca agaaacttga gaacgaaagg aaaggttaca 300
 cggatgaaga tggagaggat ggtaatgagt tggatcgcat tgacaatgaa cgagcccggc 360
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 cgcaggctca acaacaatac caagaggcac aggaacgctt gaaatggttg acctcgcagc 480
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 <213> *Aspergillus nidulans*

<400> 12000

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<211> 116

<212> DNA

<213> *Aspergillus nidulans*

<400> 12001

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<210> 12002

<211> 487

<212> DNA

<213> *Aspergillus nidulans*

<400> 12002

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 <213> Aspergillus nidulans

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 <212> DNA
 <213> Aspergillus nidulans

<400> 12004

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 <212> DNA
 <213> Aspergillus nidulans

<400> 12005

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<210> 12008
 <211> 150
 <212> DNA
 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

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<210> 12011
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 <212> DNA
 <213> *Aspergillus nidulans*

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<400> 12017

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<400> 12029

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<210> 12030
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<400> 12030

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<210> 12031
 <211> 106
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12031

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 <213> *Aspergillus nidulans*

<400> 12032

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<210> 12033
 <211> 141

<212> DNA
<213> Aspergillus nidulans

<400> 12033

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<210> 12034
<211> 556
<212> DNA
<213> Aspergillus nidulans

<400> 12034

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<210> 12035
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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 12035

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<210> 12036

<211> 2436
<212> DNA
<213> Aspergillus nidulans

<400> 12036

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<210> 12037
<211> 101
<212> DNA
<213> Aspergillus nidulans

<400> 12037

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<210> 12038
<211> 614
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 12038

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 12039

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<211> 114
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 12040

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<210> 12041
<211> 228
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
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<210> 12042
<211> 185
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
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<210> 12043
 <211> 552
 <212> DNA
 <213> Aspergillus nidulans

<400> 12043

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<210> 12044
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 <212> DNA
 <213> Aspergillus nidulans

<400> 12044

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<210> 12045
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<400> 12045

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<210> 12046
 <211> 166
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 12046

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<210> 12047
 <211> 186
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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 12047

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 actccc 186

<210> 12048
 <211> 167
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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<210> 12650
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 <212> DNA
 <213> *Aspergillus nidulans*

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 gtcactgttt atattccaac ttatctatag cttcagctgc ttactcttag atacataaac 240
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<210> 12659
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 <212> DNA
 <213> Aspergillus nidulans

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cctaacgtca tactatgatt cccgcattgt tctgccgcat tatcagaatg ggacttcgca 180
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<210> 12660
<211> 371
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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aggataaaat c 371

<210> 12661
<211> 411
<212> DNA
<213> Aspergillus nidulans
<400> 12661

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gatgacatgc aacctatacc cactttaatg ctgatagacg gcaatagagt ctgggcttct 240
accaccaaga actgcactag ggcccggctg tccggggatg acccggacag gtaccagaag 300

gagggccaca cttgcctatc tggggcagcc gtacccttac cgcgacggat atgcatgtgt 360
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<210> 12662
<211> 129
<212> DNA
<213> Aspergillus nidulans

<400> 12662
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caatcatga 129

<210> 12663
<211> 621
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<210> 12664
<211> 451
<212> DNA
<213> Aspergillus nidulans

<400> 12664

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tgttgacagc gtatctgcac tgccttcatt gctagatcac cgctgtttac cctgattatg 360

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cagagtgtaa cagcgtatcg actttaccat a 451

<210> 12665

<211> 297

<212> DNA

<213> *Aspergillus nidulans*

<400> 12665

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gagcactggg tcggctcgct ccagacacat atagaggtgt atagaaaaga tcaagctagg 240

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<210> 12666

<211> 207

<212> DNA

<213> *Aspergillus nidulans*

<400> 12666

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caggctctcg acgtagtccg tgggctg 207

<210> 12667
 <211> 203
 <212> DNA
 <213> Aspergillus nidulans

<400> 12667

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 acaggccagc ccaggaaacc tgggacgatg aactagagca aaaccaagac aacaaaaaac 180
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<210> 12668
 <211> 192
 <212> DNA
 <213> Aspergillus nidulans

<400> 12668

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 cacactagtg agccttgagc gctggactct agcacgtcag acgcagacac aaccatcgga 180
 ctggacacca ca 192

<210> 12669
 <211> 145
 <212> DNA
 <213> Aspergillus nidulans

<400> 12669

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<210> 12670
 <211> 193
 <212> DNA
 <213> Aspergillus nidulans

<400> 12670

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<210> 12671
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<400> 12671

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<210> 12672
 <211> 1862
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12672

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<210> 12673
<211> 197
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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accgaccggc cacggagcag gccagcaaaa aggcaaagac aaaccaccaa ggagccagaa 180
cgcaagacgc cacagac 197

<210> 12674
 <211> 574
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 12674

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<210> 12675
 <211> 564
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 12675

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564

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<211> 192
<212> DNA
<213> Aspergillus nidulans

<400> 12676

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accgactaat gt 192

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<212> DNA
<213> Aspergillus nidulans

<400> 12677

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<210> 12678
<211> 464
<212> DNA
<213> Aspergillus nidulans

<400> 12678

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<210> 12679
<211> 187
<212> DNA
<213> Aspergillus nidulans

<400> 12679

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accacac 187

<210> 12680
<211> 206
<212> DNA
<213> Aspergillus nidulans

<400> 12680

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<210> 12681
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<212> DNA
<213> Aspergillus nidulans

<400> 12681

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12682

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<210> 12683
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 <213> *Aspergillus nidulans*

<400> 12683

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<210> 12684
<211> 197
<212> DNA
<213> Aspergillus nidulans

<400> 12684

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<210> 12685
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<212> DNA
<213> Aspergillus nidulans

<400> 12685

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<210> 12686
 <211> 198
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12686

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 <213> *Aspergillus nidulans*

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<212> DNA

<213> *Aspergillus nidulans*

<400> 12688

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4344

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<213> Aspergillus nidulans

<400> 12689

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<400> 12691

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<400> 12692

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 <223> unsure at all n locations
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 <213> *Aspergillus nidulans*

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<210> 12699
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12699

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<210> 12700

<211> 196

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 12700

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<210> 12701

<211> 193

<212> DNA

<213> Aspergillus nidulans

<400> 12701

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cagagcaaga aagggacgag gaaaaggcac caccagaggc agaagacaga ggacaagagc 180
gccacacccc ggg 193

<210> 12702

<211> 195

<212> DNA

<213> Aspergillus nidulans

<400> 12702

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<400> 12703

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<210> 12704
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<212> DNA
<213> *Aspergillus nidulans*

<400> 12704

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<213> Aspergillus nidulans

<400> 12705

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<210> 12706

<211> 2167

<212> DNA

<213> Aspergillus nidulans

<400> 12706

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<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<213> Aspergillus nidulans
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 <212> DNA
 <213> Aspergillus nidulans

<400> 12711

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 gggattaaga agggacacag agcaggggga ggacggatca gcatagatgg gcgtaagaac 180
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 <212> DNA
 <213> Aspergillus nidulans

<400> 12712

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<210> 12713
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<400> 12713

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<400> 12714

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<213> *Aspergillus nidulans*

<400> 12715

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<210> 12719

<211> 720

<212> DNA

<213> *Aspergillus nidulans*

<400> 12719

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<211> 198

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 12720

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<210> 12721
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 <213> *Aspergillus nidulans*
 <400> 12721

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1633

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<212> DNA
<213> Aspergillus nidulans

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<212> DNA
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 <212> DNA
 <213> Aspergillus nidulans

<400> 12728

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 caagagaggg agcgccaagg gccagggcga aagaggag 158

<210> 12729
 <211> 192
 <212> DNA
 <213> Aspergillus nidulans

<400> 12729

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<210> 12730
 <211> 200
 <212> DNA
 <213> Aspergillus nidulans

<400> 12730

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<210> 12731
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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 12731

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<210> 12732
 <211> 2460
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 12732

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aaccgtaga tctcgaaggc agagatctgg aaaagcgtcg tggaggaggc ggcagaggcg 480
gtagtggagg tgggagcagt ggaggcgga gtggtggacg tgggtggtgt ggaggatcca 540
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<211> 195
<212> DNA
<213> *Aspergillus nidulans*

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tcacgacata actattgtat actgagggga gctttaaaca ccggtgtagc aaactccgta 180
tggatcactc cctgg 195

<210> 12734
<211> 787
<212> DNA
<213> *Aspergillus nidulans*

<400> 12734
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gaaaccccca ctgaccgcaa cgtggcaatc ataacaactg aacccttgct gaggaataatg 720
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<210> 12735
<211> 196
<212> DNA
<213> Aspergillus nidulans

<400> 12735

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gggcgatacc gggggagttt ttaaggcagc gtagtatcag ttacgcagca actaaaacgg 120
atcctgacct tcgagataag ggtgattggg aatgcgtaag acaggcgcta tgaagaccag 180
atgactatat aagtcg 196

<210> 12736
<211> 187
<212> DNA
<213> Aspergillus nidulans

<400> 12736

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ccctgacctt caaaatatgg ggcataggac actacgccgc catgcgctac aagctccagt 180
tgactaa 187

<210> 12737
<211> 449
<212> DNA
<213> Aspergillus nidulans

<400> 12737

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<210> 12738
 <211> 311
 <212> DNA
 <213> *Aspergillus nidulans*

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 cgggtatacct cagaccattc cggatccagc cggcacacgg agactagatg gcgacacaga 180
 gtatgagtgg atacgcccgg tatgagatgt accactgaag ataccatagt aggccttgct 240
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 ttggcatgct c 311

<210> 12739
 <211> 392
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 12739

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 ccgagagcgg gaacagagcc ccgaaccaga ccgggggcgc cgcacggggc gaccacggac 120
 cggaacgaaa ggacccccca aaccgcaaca ccaacacgaa gaggggcggg acaacaaggc 180
 agcgccagga agcacgcgcg acgggnagcg aggacaccag cgccgagggc aaccgcgaaa 240
 aaaaagacca gccgcacaag caccacagc gacgacacc cgggcgccac caaagaccac 300

ccggcccgca cgaggcccat gctgaaccgg gagggagcaa cgcacggcgc acgcaagaag 360
aaggcactcg ccgcgccgaa agcaccgagc cc 392

<210> 12740
<211> 112
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 12740

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catcaatccg cttgttttta ccctgcacac gctatcctag ttgggatgtc gt 112

<210> 12741
<211> 422
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 12741

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atcttgacct tgtcgttgta gtcatttata agccgaacta gtctgattta gggtagcgta 180
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tg 422

<210> 12742
<211> 1700
<212> DNA
<213> Aspergillus nidulans

<400> 12742

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agtacaatct atctccaaag agcgcaccgg catgagcatc atgctcaaag gtggcgccaa 120

tggaccattc atccctgtac aagacgagag tgcacgaaac tggctgtata aacagatcgc 180
 cattggtaag attctgattt gttctccctt tattcttata aattcccgcct aatggaaaac 240
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 tgatgatgtt atgctaggaa atccactagg tgaaaaaaac atggagggct tgcattgaccg 360
 acgatgcctt tgtgtatctg ggttgagcct cacaccagta cataattctc cattttctga 420
 ggttgatga acttaaacct gcatgtatat agatatgact tgtagtcac ctctaattgt 480
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 gagaattatt gcctggatgg aaccttccaa gcaaatttga tcttttatgt ctggccaatc 600
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<210> 12743
 <211> 245
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 12743

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cgacccgacg caccaccaa aagccccggg ccgaaagcac agccaacaaa gaagcacaag 180
ccaaagacac gccgaagcga gggcgaaaca gaggagacaa aacaaacaaa agaaaccaac 240
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<210> 12744
 <211> 764
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 12744

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 <212> DNA
 <213> Aspergillus nidulans

<400> 12745

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<210> 12746
 <211> 289
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 12746

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 aggaccgtag gnattgcgtc cagtccgtcg ctgtccgcaa cggatgccaa gtctgtctgc 180
 cgggcacacg gcatgtatctt gacctgggnt ctacggggca gcaaaccgaa accgttggcc 240
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<210> 12747
 <211> 3662
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 12748
 <211> 315
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 12748

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 agtgttacgn gactngggta accacagatc agtgctgcac aagtctgtac cggggcccga 180
 aaagccaatt gggcggggtaa gcagtgaatg tccagaaaac aaaccagaga gagtagtttt 240
 cagacangct acgtagatac gtctaaaccg ncaagcctga tacctgtttc tagttgatcc 300
 tatcacccca gactg 315

<210> 12749
 <211> 1098
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 12749

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 cgtgttcacc ccttcacgt catccgtatc aacaagatgt tgtcgtgcgc tgggtgccgat 120
 cgtctccaga ccggtatgcg tgggtgctttc ggaaagcccc agggtaagggt cgcccgtgtc 180
 aacatcggcc agatcatcct gtccgtccgc acccgtgact cccaccgtgc caccgtcatc 240
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 aactggtggg tttaccccct gtctcgtctg aggaactact tttcattttc ttcaggaggg 360
 ctaggttaag tcagttctgg ctcatctcct tctatttcat tctttgttct ctgttaaatt 420
 ttgtctatat aattttaccc ttttctgttt gtcttattta ttaaatttta atatttttct 480
 ctttctctca tttttgtct tacattttat tctattcttt cttttatttt tctttctatt 540
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 tgggtgtggtt tattttttat atatttatga taattattat ttatttttaa anccattaga 660

ctcattatat ctcttttttt tcttcactta ctatcttctg ttctatcccc ccccccttc 720
 tcccattttt aactaattat atttaatttt tataattttt ttatttatta tttttatatt 780
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 tcatttcaat tttaatcttc ttctaactct ggtaactaat acaagtataa gtgattatta 900
 ttctgtattg tataattata ctcatatgat tatttatatt ctttattttt tgaactatgt 960
 tgcnccttc tttccattc tattctatct ttcacctaa tattatataa gttattattt 1020
 attttatatt gtttagtaat taattttttg attcctccca ctcttcttc ttttatatct 1080
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<210> 12750
 <211> 148
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12750

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 aatacatgaa gcgctaaacg cttttctctc agtacctcaa gatagtgacc tacatggcat 120
 aagctccccg gagacctctt aggacttg 148

<210> 12751
 <211> 1113
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12751

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 atatagcttg atctgcatag gaactaagag gcatatatgg atgatcttgt gtcatttgat 180
 aggtatccta tgaaaacgga catactgggtt attatatggt agtcaacatt tgttatcaat 240
 cttaatttgt caatacataa tttatttttg tattttggat attatttttg tataacttat 300
 ttatatctta ctctcaatta tactgtatta aaatcttact acaactgtgt taattctcta 360
 atactttatt ctcttatttt ataattattt ctattacttc atattatata attttattac 420
 ttttttcttt ttgtttttat ctttatatca tttttctata tttcatgtta ttttaattaac 480

tatctttaa atcttatatt aattattatt tacactatat atacttaata attatcaatg 540
 ttataatcat tataaatcat tttttcttta tttaaatttt ttacattaat aataagtaac 600
 cacattcttt tctatacatt ttttcatggt tatgctcaat attaattata ttatctaatt 660
 cctattatat atataaattt acatcctcat tactcttaca tattcattca tacatactat 720
 tattctattc tattttttacc tttttcacta tattactacc cttttatata cttattattc 780
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 tatatatatt tttcacttca cacttatcta tttcttatat tatatatatc ttacttatca 960
 atatccactt cctgtttgtc atccttacat tcaattcata attctgtttt ctttttataa 1020
 atatatcaat ctactcatt atttctctca tatctactat ttcaatcttc ttattctttc 1080
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<210> 12752
 <211> 326
 <212> DNA
 <213> Aspergillus nidulans

<400> 12752
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 gcaggcgacc aagatcatcc aagggggcct taggggactt ccgatggagt ggccacggga 120
 aacgaatgca tcctttttgt tcgccaaatg gaccaagcct ggccggtgat ttcttcccc 180
 ggaagattcc aacggattat tacaagggtg gtcgcataat gcccgggtg cttaatcatt 240
 gtggataaac cttttttata aacacatggg atacacacca ggcttggttg ggggggtactc 300
 gatcaagcca tgggccggcc ttttga 326

<210> 12753
 <211> 610
 <212> DNA
 <213> Aspergillus nidulans

<400> 12753
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 tgggtccacta catcagacac caaggggctt ttgggacact cagccgggtg ttactccgaa 120

aataaagcct gatgtcagga ctaagagtgg cccgagtttg gogaatagtt gatgctcgct 180
 caacccttct gaggatcttc aattgggggc acagttgagc cgatgcaaca ttgacagtc 240
 gtccagagaa ttggtaataa cgcaattcca ctgtgctgca tactttatgg ggctctgtgc 300
 cgaccacagg tcctgactac attacgcgaa ggaagcggac tactatagga tgctggttgc 360
 ggaacgaaca ggagtcaatc acacatcgga tactgtcgat ggtcacatct cattgcttct 420
 aagccagtct taatacgtga gctgacagcc ttcagggctt gacgcattag acgttcttaa 480
 cttgagcaag atattgggct actgagtccg atagtctaca cagaagcttg tagatatagg 540
 cgggatgagg acggtagtaa catcgactg accctagact ggaggtagcc cacatgttgt 600
 gatgcgggga 610

<210> 12754
 <211> 151
 <212> DNA
 <213> Aspergillus nidulans

<400> 12754
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 ggctgtggag tattgcaact gctgtgctgg gacatggcaa tggaacaata tgcacagag 120
 gattcgcgtc gtaacgctgg tacagctcta g 151

<210> 12755
 <211> 197
 <212> DNA
 <213> Aspergillus nidulans

<400> 12755
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 acgtcgatca acaagtgaat gagccaaaga aatatgatgt agatgtgaac aaacacaacc 120
 acccctctca acttgaacga atcgtcaaga agcccgtcga gatcgtaggt atccgcatca 180
 gagacgatgt gtatatc 197

<210> 12756
 <211> 111
 <212> DNA
 <213> Aspergillus nidulans

<400> 12756

ctggggccatc gcttctaggt tactaataag tatgttttagg tttacattct atttattaat 60
ttgggatttc caacatgctc tgactgaaca cgtagtcat ggagcctttc c 111

<210> 12757

<211> 894

<212> DNA

<213> *Aspergillus nidulans*

<400> 12757

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tgatagaccg tattggactg ccctgactcc tgagactggg gaaacgccc acaggcagcc 180
tctaattgccc cctgagggcg tctagctgct catatagagg acctgaaaac tccgtagccg 240
tgtgaattaa tacggttttt ggtgaatttt gatacgcttg gtttttttcg ttagttggaa 300
tttttcctca tgaaaggact tttagacatt gttcttagga aagataactc tccatttaca 360
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ttattagaat tttttaacct cttccttgag cttggggggt cttctgctgt accatgttgg 480
attataggcc acggataatg ggggtgcttta ggacaaataa cagggccctg aactggtaaa 540
ccgggttggg gtgccattgt aaaattactt gtcccgact ttttttaaatt ggtaacaatt 600
ctcctggccc ggtttcttgg ggatattaat ttgcaagcta ttacactggg tgggggaacg 660
acccttttgg ctattgatag tttctttttg gctttggcgt ccatggagtg acacataaac 720
cttttctctt tccaattttg aataaaaaca ggactttcgg ttcttttttaa gagttaaaaa 780
ggtaattttg gaaacggatt ctgttataga aaacgcctaa gattgtatta aaactttggg 840
tcagtttatac tttttccttt tgggggcggg taaaaaaatt ctctcttggt tttc 894

<210> 12758

<211> 988

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 12758

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tcccttttttc tgcttgcggtt ttgaacgttt atctgcgggc gcacttggag agctattata 120
 actactgttt ttatgctttg tagtgatgga tcctgcagca gcatctttcg attccagccc 180
 tgcttccttc ttcaaccggg acaccacagg tcccatgacg aattcacttt ctgcgctgct 240
 gtggtctgcg catgggctgc gcttgatggg gagcagccaa tcgattatgg agtggccgag 300
 cacctgttgg agatttttga gcgggctacc aagtgcgaag ggattttttc caggaagggg 360
 ttggaggatg gcgaagatat gttggtctgc tgagggatct gttgagggtta caggaggagc 420
 gcaataggcg ttgcttcctt tttccgttgc aggttgagtt tgcattacag accaagggcg 480
 gggttcatgt ggtaagggat attgtttttg cgaaaatgtc tgaccacact ttgtctggtt 540
 gaatccctaa acaaatgttc gtacgcggat tgccatgtca tacagcgacc gtcggtgaaa 600
 tttttttttt gcaatttaag ccgcaagttt tgaagggtta attcttccaa gttattacc 660
 aataaacatt cttgggttaat tgttgagtcg tctacattaa ggaagtctct acatcactct 720
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 aaaaaccgtg ggacggtggt ggttcttttt tttttttaa accactctaa ctgctccata 900
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<210> 12759
 <211> 102
 <212> DNA
 <213> Aspergillus nidulans

<400> 12759

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 ctgcgatcag gggtcgagac cagcgctcac tgtgtccaac gc 102

<210> 12760
 <211> 420
 <212> DNA
 <213> Aspergillus nidulans

<400> 12760

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gcaagttttt ccctgatggc ttaggccccca tggacgtgga ccgatttcac ggccatatgg 120
 tgccatgagc aactcccatg aaggaccatt gaagggggca ctccagcttg tgccagccag 180
 ctaactgaag gggctacctc tcgtacttcc tagacaagtg ctgcgacgga ctgccggtac 240
 caatggatgt aactgggtggc cgcacaatct cttgggtggt cacctttgcc ctcccatgga 300
 ctcacttggga tttctggaga tggaattagc cctggctatc tccatcgact cattccacct 360
 ggaaatgcgt tcatggggcc ctaatcatcg gaatccttta acgtaggccg ctcgatgact 420

<210> 12761
 <211> 1575
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12761

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 agacacaccg gtgacaaaca ttaaccgttc ggcagccatc aggtcgacac ggcgctggac 180
 aatcttcttg tcaagcttca tgtagggat accgtacata agcaaaccac caatacgatc 240
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 accagccgga ccagatccga tgatagcaac ggttttgccg gtgcggacgg gaggaggacg 360
 aggaaccatc cagcccatct caaaccacg gtcaatgatg gcacactcaa ttgacttgat 420
 accaacaggg tcttcgttaa tacccaagac acaggcgccc tcacaaggag cagggcagac 480
 acggccagta aactcaggga aattgttggt catgagcaga cgattgagag catcctgcc 540
 ctggttcttg aagacaagct cgttccactt gggaatgatg tttgagattg ggcaaccggt 600
 atcggactgg cagaaggga caccgcagtc catgcaacga gcggactgat acttgagctc 660
 atcctcagtg agacgagaag agagctccgc ccagtcacgg gtacgggtgg ccgggttacg 720
 gtacttttcg ctgcggcggt tgtacttcat gaaaccgcgg gtcttgtcaa ggataagagc 780
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gccgtgggtca cgcacacctt caacgaccgc agtagcacca gagttacgga cagcgaaacg 1320
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ggtgtcttgt ggaag 1575

<210> 12762
<211> 242
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 12762

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gggttgagc aagcctggcc atttagatct gcaccaaga actgagatca atgcgctgta 180
gatggcgtct tggtcggaat cgcagattac gatagnacc ngtnngtggt ttgtgcttgt 240
cc 242

<210> 12763
<211> 667
<212> DNA
<213> Aspergillus nidulans
<400> 12763

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cagaccataa ttatcaacag taggattgcc agtgatgatg ccaataactg aggacgtaac 180

cttctttccaa gtgtagagct cttcgctctc tgatacagga cgaagcttca aaaaccacgt 240
 tcccaggaga ttgatgtcga aagacttgcc gtagaatttg gacttgagag atgattcccc 300
 ctaccacggt tagctaacga catatcctta aactgatata tggcagtcgg aacataccca 360
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 agggaga 667

<210> 12764
 <211> 1249
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12764

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 actatatacg gactcgcgcc acggctattt attccagcta tgggtgcgag tcaggaggcg 180
 cagaaacagc ataaaccgac actttggccc aaaagactgc caatacaaac cacattaaga 240
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 gattactttc ttcttctctc aatgtgcctg caattcctag gatggcttgc gcgattagcc 1200
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<210> 12765
 <211> 494
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12765
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 taacgcaatg cagccagac ccgccgtacc agctgggatg agtgcgctgt ctgcgccgta 180
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 gatctctgag cgtggggcga caagggcagc gcggtgcagg gctatcattg atccatggta 360
 ttgatcgac aggaacgcca ggatgtggaa atcagcacta gacgtgagga ggctcgctgcc 420
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<210> 12766
 <211> 518
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12766
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 cccgcaaagg gagcgaagac ttctacagct ggctactgcc cacaactcaa acatcgtgtc 180

gcgcggtgtga acccactcaa gggtccttat atagtgcact atatcttttg gaactgtgta 240
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 ctaagaggca tacaatcacc ggcagtaccc tctgtatgga ttcatattcg caagggatgg 420
 cactaatgca acaaattcta aataccgaaa taatatgtta gaacgctctc tagaagctta 480
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<210> 12767
 <211> 1735
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12767

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 gccaggtaca acacgcgtcc agttcaaadc cggaagtcgc acgtcaacgg caccatcaga 180
 ccgaaacgcg tggatatctc cgacgtcatt cacaattaca ctgagaccat cgatgtcaga 240
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 gcctaccaga aggccctggc acagtagaga aggacgcgtc tggagcgtcg taccgggaag 480
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<213> *Aspergillus nidulans*

<400> 12771

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<213> Aspergillus nidulans

<400> 12775

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<210> 12776

<211> 1628

<212> DNA

<213> Aspergillus nidulans

<400> 12776

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<210> 12777
 <211> 130
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 12777

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<210> 12778
 <211> 1490
 <212> DNA
 <213> Aspergillus nidulans
 <400> 12778

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<210> 12779
 <211> 1636
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12779

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<210> 12780
 <211> 1830
 <212> DNA
 <213> *Aspergillus nidulans*

<400>

12780

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<210> 12781
 <211> 101
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12781

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 ctctattacc gattagtaag aggcttacgt tctggggctc c 101

<210> 12782
 <211> 114
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12782

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<210> 12783
 <211> 593
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 12783

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<210> 12784
<211> 600
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 12784

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<210> 12785
<211> 136
<212> DNA
<213> Aspergillus nidulans
<400> 12785

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catgagcttc atggtg 136

<210> 12786
 <211> 670
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 12786

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<210> 12787
 <211> 841
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 12787

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<210> 12788
<211> 116
<212> DNA
<213> Aspergillus nidulans
<400> 12788

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<210> 12789
<211> 173
<212> DNA
<213> Aspergillus nidulans
<400> 12789

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<210> 12790
<211> 2306
<212> DNA
<213> Aspergillus nidulans
<400> 12790

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<210> 12791
 <211> 135
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 12792
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12792
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<210> 12793
 <211> 317
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12793

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cactaatttg acttactata acacagggtg caggcccaaa taagatctgg tgcaccaagc 180
tagaggcttt ggactctccc acagtttaat acagaattcc atactaccac cttaatccaa 240
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<210> 12794

<211> 1924

<212> DNA

<213> *Aspergillus nidulans*

<400> 12794

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gtggcataga ggtccatctc cttgggtgacg cctccaacga taacggggcg cagagcgctt 180
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<210> 12795
 <211> 590
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12795

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 tggcatatga ataagatgca aggactctga gctcactggc tgagtcgggc ctgtgggttat 180
 tgtaatatga gtcgattgat atagccgact ttatacaaga atggctcatc ccgcaagcct 240
 aaaatcggac aaactgagga tcaaactcgtt aacctgcctc atactcgtct gatcgtactt 300
 gttcaagaac gaatccaagg gcccgctctc agacogctcc aacccttggt ctgcagcttc 360

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 tcggggcagt agctaaagaa cccaaccgct tcacatctgg tctggccgga ttgattgggg 480
 gttacgggga cggggagaca tccccgtaca agggcggtgt gaatggtgcc aacggttttc 540
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<210> 12796
 <211> 213
 <212> DNA
 <213> Aspergillus nidulans

<400> 12796

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 tcagggatcg ccccgggccc attatagaag tccttgcgct gtccgcgctt gaccatttcg 180
 cgcgggcacgt ttccgatcag cgggtgggtt ggg 213

<210> 12797
 <211> 921
 <212> DNA
 <213> Aspergillus nidulans

<400> 12797

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 ggggctatat tcacctatct caggaacggc ttaatgatgt gcaatcacga gacccgcaag 180
 agaatgtgcg aaacttcctc aacttccaac ggctcagtgc tcttcagccg cattacagac 240
 cctgccactc ctctgcaga gcatgatgca tccatggaga actcacctac tacttcacaa 300
 aaaggaactc caactctggc ggaaaatctc cgccaccttc caaagctgcg gatacccagc 360
 cttcaagccc cgaccgaaac cactttctct ccaggctact cagcgcagcg tactattacc 420
 ccctctggcc tccgcaagtc acggcagttt tccactatta accgaaagga gtcaccgaac 480
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 gcaccccgtt gttcagcggg gacgcaccct tgacagccat tcacatgggt ccgatagagc 600
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tttcagaccg aaaaccccg actgactttg ttaatgggca ttttaggcca cgtctgagg 720
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<210> 12798
<211> 198
<212> DNA
<213> Aspergillus nidulans

<400> 12798

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tcataatgcy gacagacaga aaaagcactg gaatgcgccc ggaccatttg agaccggag 180
taagtccgtc cgagacgt 198

<210> 12799
<211> 215
<212> DNA
<213> Aspergillus nidulans

<400> 12799

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cgcatcgcca gcgagaaact aagcgcattg aagctcaagg tggtaaccca gatcggcaaa 120
tcgccataaa gacgaatttg gatgctcgac ctgccaaacc agatgcgtgg aaaaccagg 180
cggagaactc gctgatgttc cttccgtcat ccgtc 215

<210> 12800
<211> 583
<212> DNA
<213> Aspergillus nidulans

<400> 12800

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taaatcttcg tagatgagtt ttgggtcggg ttcggcccat ttctcttctt gcagacaagc 180
 tttggacatc ttgggttaaaa ttttgtcgtt gtagtggcgt cgggtgaagga gtgggtgaat 240
 ggctgcttga cggagtttca tgaggatggt cgcggaacttg ttgcccgtct ttttgccggc 300
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<210> 12801
 <211> 208
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12801
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 gccaaagtca aaacacctca tagatgacaa aggtattggg agggtagcaa caaggtagta 180
 aactgagagg gaattttata agcctgag 208

<210> 12802
 <211> 202
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12802
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 ggataataat aatattaact ta 202

<210> 12803
 <211> 2499
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12803

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caacttatgt cttcacgata aagggtgtgg aagcagagga tctcaaggct tgcgacatga 360
acggaggcag tgacccttac gtcgttttga acgatgagtt tcagaagcgg attgggaaga 420
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<210> 12804
 <211> 569
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12804

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 attggattat tattcaccca aactgttcct atgtgtcgtg acttggttagt ctcaatacat 180
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cgttcatttt acctccatcc gacctggaca gtaactctc ccatggctac cttcagcccg 480
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<210> 12805
 <211> 681
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 12805

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 gctagcacag gcggtatccg tcgagaagct tgcttcgtgt ttatctttgt aagatgtcta 420
 taaaaaagat attcatggaa ggccaatata gcgaacagat acttgggagt aggagaaaag 480
 cggatcatgt gccctcgcc agctgaccac tcaangccgt ggaaatattc aagttctcca 540
 gatgcagact gatgatcgca ccactattat tcagttcacc tagacagaag ctatgtggga 600
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<210> 12806
 <211> 545
 <212> DNA
 <213> Aspergillus nidulans
 <400> 12806

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aagcacacaa aagggagggg catgcacagg caggacctgg aggagcctta acgggccctg · 240
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 ctacaggaac tcgactaaga tagacctatg acaccctggg gcaccaacta tacaccggcc 360
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 gatacaacat gggaccgcac acgatcttca gtctagaaca gaagctctaa tgacatgcac 480
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 gcatc 545

<210> 12807
 <211> 600
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 12807

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<210> 12808
 <211> 401
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 12808

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ccgcgggtac ccttgtgatt atagtccacc tttctgaaac ccgaacgctt agccggacac 180
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<210> 12809
<211> 463
<212> DNA
<213> Aspergillus nidulans

<400> 12809

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ttgagtgcgt ccattaacgc cgggggagtt agtgactcgg atgcattctg acgacaggca 180
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<210> 12810
<211> 602
<212> DNA
<213> Aspergillus nidulans

<400> 12810

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acaagcggttc tattcatcag acagctgctt ttgcggaacc gcatttggat caggattgcg 420
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<210> 12811
 <211> 2136
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12811

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 gacagagatg gcacaatgaa attgtttttg gtgatgcttc taggaagagg cagagagaga 180
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<213> Aspergillus nidulans
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 <212> DNA
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<400> 12813

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<210> 12814
 <211> 493
 <212> DNA
 <213> Aspergillus nidulans

<400> 12814

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 <211> 424
 <212> DNA
 <213> Aspergillus nidulans

<400> 12815

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<210> 12816
 <211> 215
 <212> DNA
 <213> Aspergillus nidulans

<400> 12816

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<210> 12817
 <211> 350
 <212> DNA
 <213> Aspergillus nidulans

<400> 12817

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<210> 12818
 <211> 1119
 <212> DNA
 <213> Aspergillus nidulans

<400> 12818

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<210> 12819
 <211> 485

<212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 12819

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<210> 12820
 <211> 219
 <212> DNA
 <213> Aspergillus nidulans
 <400> 12820

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 tggccccaag atcgtcgata atagccagag ccatcagca 219

<210> 12821
 <211> 523
 <212> DNA
 <213> Aspergillus nidulans
 <400> 12821

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cacgcgcgt gccatgtgta tatgggatcg cattgcttct aca 523

<210> 12822
<211> 217
<212> DNA
<213> Aspergillus nidulans

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<210> 12823
<211> 693
<212> DNA
<213> Aspergillus nidulans

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 <211> 699
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 12824

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 <212> DNA
 <213> *Aspergillus nidulans*
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<210> 12826
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12826

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<210> 12828
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<212> DNA
<213> *Aspergillus nidulans*

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<213> *Aspergillus nidulans*
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<210> 12831
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 <212> DNA
 <213> Aspergillus nidulans

<400> 12831

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<210> 12832
 <211> 216
 <212> DNA
 <213> Aspergillus nidulans

<400> 12832

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<210> 12833
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 <212> DNA
 <213> Aspergillus nidulans

<400> 12833

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 <213> *Aspergillus nidulans*

<400> 12834

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 <212> DNA

<213> Aspergillus nidulans

<400> 12835

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<210> 12836

<211> 1511

<212> DNA

<213> Aspergillus nidulans

<400> 12836

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12837

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 <213> *Aspergillus nidulans*

<400> 12838

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<213> *Aspergillus nidulans*
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<212> DNA
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<400> 12840

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<210> 12841
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<212> DNA
<213> *Aspergillus nidulans*
<400> 12841

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<212> DNA
<213> *Aspergillus nidulans*

<400> 12843

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<400> 12844

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<210> 12846
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<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 12846

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<210> 12847
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 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
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 <400> 12848

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<210> 12849

<211> 487
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 <213> Aspergillus nidulans

<400> 12849

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 <211> 833
 <212> DNA
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<400> 12850

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<210> 12851
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 <212> DNA
 <213> Aspergillus nidulans

<400> 12851

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<210> 12852
 <211> 151
 <212> DNA
 <213> Aspergillus nidulans

<400> 12852

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<400> 12853

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<212> DNA
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<400> 12854

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<400> 12855

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 <212> DNA
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<400> 12856

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gcgcgatatg ttgcagacgt ttttcgatac gttcaggcag ttgtgctgca atttgcggcg 180
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<210> 12858
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<212> DNA
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227

<210> 12861

<211> 217

<212> DNA

<213> Aspergillus nidulans

<400> 12861

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<210> 12862

<211> 1419

<212> DNA

<213> Aspergillus nidulans

<400> 12862

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 <212> DNA
 <213> Aspergillus nidulans

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 12864

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 gccccaaaa tatttacata gttatgagga 210

<210> 12865
 <211> 125
 <212> DNA
 <213> Aspergillus nidulans

<400> 12865

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 ggagg 125

<210> 12866
 <211> 220
 <212> DNA
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<400> 12866

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 gagaaaagcc cctcgagctg ggccggggta cagagagaaa tgcccacaat ctgatgtgca 180
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<210> 12867
 <211> 231
 <212> DNA
 <213> Aspergillus nidulans

<400> 12867

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 gtgcaaaatt tgcaccgtat gtacaagttc ttgttgcccc caacgcagta attttcttgc 180
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<210> 12868
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<213> Aspergillus nidulans

<400> 12868

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cgacggcttc acctgctttg cgtactccac gactttactg tcgtagaaat aaagcccggt 180
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<210> 12869

<211> 135

<212> DNA

<213> Aspergillus nidulans

<400> 12869

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<210> 12870

<211> 187

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 12870

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<210> 12871

<211> 571

<212> DNA

<213> Aspergillus nidulans

<400> 12871

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<210> 12872
<211> 157
<212> DNA
<213> Aspergillus nidulans

<400> 12872

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cacgagcaca atatattgac actcggatat agacagt 157

<210> 12873
<211> 438
<212> DNA
<213> Aspergillus nidulans

<400> 12873

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<210> 12874
 <211> 344
 <212> DNA
 <213> Aspergillus nidulans

<400> 12874

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<210> 12875
 <211> 1393
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 12876
<211> 118
<212> DNA
<213> Aspergillus nidulans

<400> 12876

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<210> 12877
<211> 162
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 12877

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atgnatggca gatagtctag agtgactcaa ttgggactgg tg 162

<210> 12878
<211> 1569

<212> DNA
 <213> Aspergillus nidulans
 <400> 12878

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<210> 12879
 <211> 193
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 12879

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 cacaatatgt cgc 193

<210> 12880
 <211> 167
 <212> DNA
 <213> Aspergillus nidulans
 <400> 12880

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<210> 12881
 <211> 565
 <212> DNA
 <213> Aspergillus nidulans
 <400> 12881

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<212> DNA
<213> Aspergillus nidulans
<400> 12882

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<210> 12883
<211> 196
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 12884
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 <212> DNA
 <213> Aspergillus nidulans

<400> 12884

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<210> 12885
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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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 <213> Aspergillus nidulans

<400> 12886

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<210> 12887
 <211> 660
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12887

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<210> 12888
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 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 12888

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<210> 12889
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 <212> DNA
 <213> Aspergillus nidulans

<400> 12889
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<210> 12890
 <211> 151
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 12890

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 ccgncaccgt cttagnaagt cggcactgag t 151

<210> 12891
 <211> 543
 <212> DNA
 <213> Aspergillus nidulans
 <400> 12891

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<210> 12892
 <211> 315
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12892
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<210> 12893
 <211> 3259
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
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<210> 12894
<211> 406

<212> DNA
 <213> Aspergillus nidulans
 <400> 12894

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<210> 12895
 <211> 539
 <212> DNA
 <213> Aspergillus nidulans
 <400> 12895

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<210> 12896
 <211> 1679
 <212> DNA
 <213> Aspergillus nidulans
 <400> 12896

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<210> 12897
 <211> 277
 <212> DNA
 <213> Aspergillus nidulans

<400> 12897

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<210> 12898
 <211> 333
 <212> DNA
 <213> Aspergillus nidulans

<400> 12898

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<210> 12899
 <211> 1970
 <212> DNA
 <213> Aspergillus nidulans

<400> 12899

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<210> 12900
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<212> DNA
<213> Aspergillus nidulans

<400> 12900

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ggcaaact 128

<210> 12901
<211> 214
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 12901

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<210> 12902
<211> 263
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 12902

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tatgagaatt attcactgtg ctc 263

<210> 12903
 <211> 194
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 12903

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 tcacgagagc ctat 194

<210> 12904
 <211> 627
 <212> DNA
 <213> Aspergillus nidulans

 <400> 12904

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gctgtgaact gtctc                                         615
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<210> 12922
 <211> 404
 <212> DNA
 <213> Aspergillus nidulans

<400> 12922

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ccactgccat aggcttaatg ctgtatgaca cattgatcgt atcagcagaa gcgagaacgg   180
gtgatctgtg gacggaggtt tttagacacc gtatttgatt actgatcttc tggagctgac   240
caacgaggcc gatgacgata ggcaagccaa ccttatgaga gtcaagcgcc tgtgctatga   300
atatggcgca cgactacgga cttactacgg gataagggac aaaggagaat atgtccggcg   360
caactagctt gaaacttagc tctatttggc gcagtacaac cacg                                         404
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<210> 12923

<211> 101
 <212> DNA
 <213> Aspergillus nidulans

<400> 12923

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 agtaggtaca gcggttatgt aggttcataa ctacacaaag g 101

<210> 12924
 <211> 163
 <212> DNA
 <213> Aspergillus nidulans

<400> 12924

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 cgccccgtggc gaagcgcgta tcctcgggtc gggatggcgg cattataccc caggctatat 120
 gacaagcccg aagcgcgaaca gatacctggg acctttgacc ggc 163

<210> 12925
 <211> 152
 <212> DNA
 <213> Aspergillus nidulans

<400> 12925

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 tcgccaggaa ctcgatcagc ttgccaagtc tg 152

<210> 12926
 <211> 455
 <212> DNA
 <213> Aspergillus nidulans

<400> 12926

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 atcacaatat ggttctagaa gatccttata tcaacatagc tgcatacaga taccaatctg 180
 acacattctg cattagctgc agagcatctt gcctgtctag aacttaacga cccccgctg 240

ttgattccaa cctacttcag tatcattggt gtgatactga tacgttgac acaataaatt 300
tagctgtcaa gcgtctgatg agaacctact tcaccttggc acagtaagca gctgcacagt 360
agtgtagtga tacatctaga acgacgtgct caacacacgt tgagaccgtc taccgaacc 420
gaatggagcg actacatcct tgctgaagcc catgc 455

<210> 12927
<211> 802
<212> DNA
<213> Aspergillus nidulans

<400> 12927

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cgtgcccaat ccataaccg atatcagtgg gctttgcgag tacgatctaa atgctagctc 180
ttgggcctgg cttgctggac tgagggacac tatccacgta ggcgtgtagg ggaaggcacc 240
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atacgaata tccaaaccag tcgatacata tacaggaccg ccaagcgata gcattcgagt 360
ggggatctca ttgccgacga caaccagagc atgtgcgttc actggagcga cagagaaacc 420
ttccgaacgc atagaggtac attgacagac tatattatagt tagccagtca tggattgcgt 480
cagtggtag attttggcca cgtacgaagc tacgaactcg gagattggcc acacgcgttg 540
acacgacaag ggcccgttaag gtgccagaca atgatgacta gaattgcaca accgagggcg 600
gcagttcacg tcgtagggtta gccagcaagt aaaggcgggt aataattgtg taagacctta 660
cagatctaata gaaacgccga tgccccgagc ttgcactggg gaagctaaaa aaccgtttgt 720
ggagtaaaca ccagagcgc tggcccttac agaagcttga tgaggctgcc tctcggccca 780
acggttctgt gactccgcta gg 802

<210> 12928
<211> 138
<212> DNA
<213> Aspergillus nidulans

<400> 12928

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gacatgtggc tgagcgat 138

<210> 12929
<211> 279
<212> DNA
<213> Aspergillus nidulans
<400> 12929

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gtaagattgg tgcctataga cttcatattc atgctaagtg atagaacaga gtcataata 180
cttgggaagt gagatgtcga ccagtcagca cgcactcgcc aatgctcagg ttacatcaa 240
cacgatacta ctagacgata gagttcagga ctgcaaacc 279

<210> 12930
<211> 148
<212> DNA
<213> Aspergillus nidulans
<400> 12930

caactatgcc tacctgatga cctacgagcc gacgaagcag tcagtcaaca tcgatcctgc 60
taacacgcct cagtagaatg ctctctgcac atatgggaat aaatgaacag ctgcagatta 120
atcgctgcga acagtgtcgt ccagaaac 148

<210> 12931
<211> 755
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 12931

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cggcggccaa acaacaaaaa agacacgaag accagagcaa cggtaaaaac accaccagaa 180
acggccagca accgggagga acagccagag caaccgccac cacagcccga cagaaaacgc 240
aacggaccgg caaacagcac aaaaaacgca acgccaagaa acgaccagag caacgccgga 300

ggccccacga ccacaacgcc caacaagcac acggcggaca agaagcccac ccgggacgca 360
 ggaggaaaca caaagcgcac ccgccgcaac cgcaccggac gagggcgcca gaacacccca 420
 caaaaaagcc accaccaca caaccaaga caccacccaa gacacgaaa gcgaccaccc 480
 cacacacaac acccagaccc caacacacac accacaaaaa aaacaaaaaa acgggggggg 540
 gggggggggg gccaccccc acaggggggg gggggggggg ggaaaaaaca cacaaaacac 600
 aaaaaccaac aacaccccca cccaacacc aacacaccac acccccccaa accaaccacc 660
 aaaaaccca accaaccacc agacaaaccc cacacaaacg ccacaacaac aaacaaaacc 720
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<210> 12932
 <211> 1557
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 12932

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 gcgtcaacgg cacgtcacgc agttcacaaa ttatttttca gccacagctg attcctagac 180
 caggatattc tgaaccgttc ccctgatgat cgggtggagcc tggacgcttt tcctccgtcc 240
 tggcgcctat cttgcgaacg catgtggttg aggtttgcgt gaaccgcagc agtagcggtt 300
 attcgcgaac ggacgcgatt gcagccggtc aacttggtcc agatccttcc atgcttgaat 360
 cgcttcaggg gatgtccgcc aagatcgagc gtcaacagtt gatcgagca gctggacaaa 420
 cttacatggt gcctctataa gaacttcggg cctcattttc atgatcatcg caatctagaa 480
 gacgatagcc gcacctgctt gtcgctcagc atgcgacggg aatacgaata ttacggaata 540
 tctattgata gtcggcatac tccgtggcaa caagcgccgg ctctccacta agctttaatt 600
 aagcaaaagg gaagcgctct aagctgtttg accaatcgcc caagttcagt ggcagcccta 660
 aaatatgaaa cctcaatata gctcaactta ttaccagttc gagtctactg ttactccacg 720
 tccgtgtcgc ttctgtgtcg cagactctag tctggaaaaa ttctcgggac cgaaggccgc 780
 aaatttgccg cataaccttt ttctgcttag attccggtct ccaacacccg cgtcacgctc 840

atgcccagat ttaagacttc actgcgcaag gaagaaagcg ggggtcaatc tggaacagtg 900
 gctaggtccc atgtttctcc tgcccgcagc ccgcgttggc aacccttttt ccgcgtgggt 960
 tcctctagcg gacataccga tatttcgngc gggtttccgg accatcgaaa tttcctgatt 1020
 agtcgatatt tttcctgggtg ttatggctct tgagctgaac taatctatac aggcaggaag 1080
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 gcgaatcagc cacagtgtcg taacggcang acacgatgtc atcaacagct gtataacca 1440
 tgaagaccgc cgagggagggt caatggcaag gacactcaag acagctatgt gaagcgaata 1500
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<210> 12933
 <211> 878
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12933

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 tcatcggcgg ttggtttcga ttaagaagaa atgggatcca aaggacttat tcattgctag 120
 ggtgggggtg aggagtgatg gttgccctca acctgccaat cctccaacat cccactagta 180
 aaatgcttca gccctaccac cccaaaaatc cctacctacg gaaagcggcc cttcagctat 240
 gccactgacg cttcaaccct tcgtaccatc caactacttg ccccatcttc ctcaccagg 300
 tctcgctcca ctgaacacac ccaacacccc cctaccaca tcttaaacc acccaaacc 360
 cagtgttccc ctactttaca aggagctacg cccatcccc ctctgcccc ccttgccaac 420
 ccacctaacg cctccaatat atccccccc cgtaaccttc cctaaaacc ttttaaggcag 480
 ttcaaaaatt ggccgctgcc atccctacc accccattc ccaatccac ttcacaaacc 540
 cctcttacca ataggcccc cccctccta ccccttatca catagtcccc cctgccattt 600
 cccctaccac cgatccattc tccccctta taaaccctt tcccaccaa tttccccctc 660

ccccctcttta tccccacctt ttccccacctt tctccccctt tccccctctt actctcttca 720
 accatctttc acaccccccc ttgtctcttc cccccctgtc ctccatccct ctctgtcacc 780
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 ctcccccttca tgcaccccat taattcctcc ctcatcct 878

<210> 12934
 <211> 605
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 12934

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 acaaaaaaaa aaaaaaaaaac cggacccagc caaaacacca aaaaaaaaaa acacaaaccc 180
 caacggaaaa agaacccac aacagaaaag cgaacaccaa cggctcccc caaacaacac 240
 acaacaccaa acaaaacacc aaaaaaccac aaacaaaaaa aagacacaaa aaaaacaaaa 300
 cccaaaaacc caagaagggc aaagaaacaa acaaaaaaca agcaagcaag ggcacacaac 360
 agaaaaggcc acaaaagcac cccaaacaaa cacaagacaa acaacataaa aacccaaaaa 420
 aagccgaaaa ccccaaaaaa agccaaaacc agcaaaacaa aagacaaaaa gaaaaggcc 480
 caacccccaa caacaaagaa aagcaacaaa aagcaaaccg agaaaaggcc caccaaaaac 540
 tgcttccttt ngaagcaaaa tccaaaccaa aaccaaacc caaaaaaaaa acaacaaaac 600
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<210> 12935
 <211> 664
 <212> DNA
 <213> Aspergillus nidulans
 <400> 12935

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 gtcccttcta ttttttttct tttttttttt aactttttct attcattatc tatactctct 180
 aactcggtgt ttttttcatt tttttttcca cttcttttct ttttttttct ttttcatatt 240

tctttttttt ttctacccta tttcttttttg tgtttttttc catttttctt tttttttacc 300
 tttttatatt tttttatcctt tccttttttc cttttcttat cccttctatt tttctttttt 360
 ttttatttcg tcttttttcc tttttatata cttttttttt ttgcataatct tttattttatt 420
 atttttggat ttttttatct tttttttttt attcttttta attatttcat tgtgcatttt 480
 ttttcctttt cttcttttat aatcatgctt ctttctctcc ttatcatctt gtttttttct 540
 ccaccttttt atatttatat cttttttttt tttctctttt taattttttt ttttttttta 600
 attttatctc attttttcaa cttataaact ttcttttttt cttctttctt tttttttttc 660
 cttt 664

<210> 12936
 <211> 591
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12936

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 ggcgggttga tccagctggt tcagcatcca catgctttgt gcacttcac aactgtctag 120
 ctctttgtgg tttgggcttt agttgtgcc caaatctgtc tctcagtttt atgttttaca 180
 acagaataga gctttttgac agcccttgta gaggtcaata ttgacagctg tgggctagga 240
 gtcaaccac accttgcgct tctaatacct tcgacatggt ctcagccgct gagcagcctt 300
 tcgaattacg tggatctttc atccgcatag gcttaggaca aacaactaca ttgttcagga 360
 cttattaact ctcatatatg tttattgtca cctacttag gtctcatcg tcgacacaaa 420
 agttgacggg tttgccactt tactggcgac accattttat tgggcaagtt ctttaattcag 480
 gtcattagct taatggcttt ctaaataaac ggaggaaaga ctactatttt gtactacttt 540
 ctaccgtccc catctggcgc atgccgtcac atgtttttta gagacattat t 591

<210> 12937
 <211> 584
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 12937

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 tctatttttt ttatcttttc tttttgtttt ttttttttta tttttactct ttttttccgt 180
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 tatttctctt ttttctattt tctaatttta ttctcgtatt atatattcca tatttttctt 540
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<210> 12938
 <211> 636
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 12938

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 ggcgtatcca acgttgactc aactaaccag gggacgcca ccccatctac cgctctcgag 120
 aattgggtcg ttagatgtag ccggccacgt cgagacaaag tcccgagac aaggatataa 180
 tctagcagaa agctgtctca gatagtgatc tcgtctaccg attccctggg atctgggact 240
 gcaagcttga acggcaaacg tctgacgggt gtgcagactc cgtatcgttc cgatcatgac 300
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 gatcgctatt aggaccccg atgggttagtg gcgctactgt aaaatacaga aatgggagggc 420
 cttaccgcag cagtgtgac cgatcaattt gtatggggcc cgagaaattg ctcaccaaga 480
 ccacgggagn gggatcaggg cgctaaaagg gaaactgttg agagcggata gttttggggt 540
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 tgccactttt gttagggaaa agggaggaac agaggg 636

<210> 12939
 <211> 549

<212> DNA
 <213> Aspergillus nidulans

<400> 12939

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cacaacaatg tgttcgaagc ttaagatgac gcttatactc gcgcaaaaag tacacgctgg 120
aatccaatga agtgccacat aaacaactag ttagaacgga tgccctcgct tgagctcgtc 180
gcgttcacag tgccaaagcc tactgtgaac aacaggacct gagcaccctt aacactacca 240
ctgttgacta tatagaccta gaacatgctc aatagagaag ccttgccacg ataagcaaag 300
gaccatatta gcccgctgaa taagagagat gttagtttta ctaagagtaa gagaagccag 360
actgctgtcg gctgagtaaa acagcgtcag cgataagccc ccggcaagcc gccagaacca 420
catatactcc gtgactgctg ctacctaagc cacgtcttta attggaacgg actggccggc 480
tcagactcat gattaatggc gtgtgtatat atggggggcgg aaaccatcat ccgatgatga 540
accaaacgc 549
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<210> 12940
 <211> 490
 <212> DNA
 <213> Aspergillus nidulans

<400> 12940

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ccccctctt ccccccccc ccccccccc ccccccccc tccccctc ccccccccc 360
ccccaccac ccccccccg ccctcccccc ctccccctcc cccccctcc cccctcccc 420
cctcttccc ctcccccca cgacctgcc acccccccc ctccccctcc cccccctca 480
ccaccacct 490
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<210> 12941
 <211> 537

<212> DNA
 <213> Aspergillus nidulans

<400> 12941

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acacagcggc ctggagaccc gatagtcctc tgagactaat gtggcagccg tgaggaaagt 180
ctgaacaggc ctagtaaggc cactatgcca ggatggcgac tctagctcaa gagaggtcta 240
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agcaggaccc cttttgccca gtcccaccat cctaagcttg acatatcaga ggaaatctac 360
gctaacagga tcagggctac tatccccggg tgcattgattt caggaccttg catgctagct 420
agccggcaag tcagcattcc tcgcagtggg taataccgct ttatttaacc tgcctatgtt 480
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<210> 12942
 <211> 680
 <212> DNA
 <213> Aspergillus nidulans

<400> 12942

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aatgactgca accgaacccc aacccccaaa cagattgcga cctcaactct tctcgataag 180
tgaaagtaaa aggggtatat agtacataat cattcactcg tcagcagata ttgacttttag 240
tagctgcatt ttttcaagaa tcaatttgga aaattgcagc acggtggctg tatcaagagg 300
atgagctcgg ccacagagga tgaagacagg agaaggttct gcgctggata cctaccaggc 360
ctacattaga atgacacaag aactgctagt taggttgaca tcagtcgtgg gttgggctgg 420
gtatgtagat acacaggctg gaagacctaa cggaggtgat tctacccaag tccaggcaag 480
taaatagggtt cgtaattccc agaccatgac ccttaagtac ggaataaaaa gcactataac 540
aatatttaag taatccaaga gattcaggcg actgaagatg tcgaaaatca cgaactcaac 600
acctataatc atcattgcat gctacccaaa cccacgac tcgaatccgt tcgttcatta 660
gcaaggcacg tcagtctagt 680
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<210> 12943
 <211> 276
 <212> DNA
 <213> Aspergillus nidulans

<400> 12943

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 atgagccagc aagactcctt agagctaccc tgataggatg accggacata gaagagaccg 180
 gctgtgacta agagacagac ttattacttg ctcgactgac cagctcttgt cgtgagagcg 240
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<210> 12944
 <211> 320
 <212> DNA
 <213> Aspergillus nidulans

<400> 12944

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 agaggggtgc aacttcgcat catcacgtc actacgcgcc ttttcacca cagatcgtag 180
 tgtgcaatga gtactatgct ctgctaagta tgcgcgtaca ccgtgttcat gggatcaata 240
 tgaacgagcc agtttttcct ggatgcgaac gcataggggt gtcttcatcg ctgtagacga 300
 gattgttctt gttcagtcga 320

<210> 12945
 <211> 656
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 12945

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 ttaaaaaaaaa aataataata aagaaagaaa aaaaaaaaaa aaataaaaaa aaattaaaaa 180

attaaaaatt gttaaaaaata aaaaaaaaaa aatgaaataa aaaaactaaa taaaaacaaa 240
 taaaaaaaaa aaaaaaaaaa aagaaaaaaaa aacagaaaaa aataaacaaa aaccaacaac 300
 caaaaaaaaa tcacaaaaat tcaaaaaaaaa aaaaaaccaa aaaataataa aaacaaaaaa 360
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 caaacataat acaaaacaaa acaaaaaaat acaaaaagaa aaacttaa ataaatcctaa 480
 ataaaattat ataacaaact cctaattcca ttaaaacaaa aaaaaagacc aacttacaaa 540
 aaatataatc aaaaatctaa caataaatat aaaaaaaat actaaaacat taacacagaa 600
 aaaaaaataa agacacctta aataattaaa aaaaactaaa aactcaaaaa aaaaaa 656

<210> 12946
 <211> 479
 <212> DNA
 <213> Aspergillus nidulans

<400> 12946

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 ggggtggatgc agctaatatg ttaacaacac ggaggttgca aggggtattc tgaagctgag 180
 atagagtctg ggctgttgga atgacatgca gccaaactgc aagctcagga gccgtaagcg 240
 gtaggttgga cattgtaaag aagatgaatg acagaactac aggcgggggtt gaaacgagcc 300
 agtactgtac ttggtataga gggagaaaga ttgtaatcgt aaatagaggc ggcttcagag 360
 agaggggatg ggtacttaga cacttctgaa ccaagttcga cgagaaatag ctccgtatga 420
 caatggatca actggtggct gctgtaatac ctactggga gacctgtatg aaccgtac 479

<210> 12947
 <211> 946
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 12947

aaaaaacaaa aaaaaaaaaac aaaacgaaac ncaaaacaaa tacaccaaaa aaaaagaaaa 60
 aaacaaaatc aaaaacaaaa caaaactaaa taacagnccc gggcgaagcc ggggacaaaa 120
 aanannaacc ccaaccncaa tacttggtta agatcaacag agggnnngaa aaaaaaggg 180

aanaaaaaac aaaaattaaa ccaccaata aaaaacaaca cccccccacc ccccggggcg 240
aaaaaaattg aaaaaaaaaa aaaacatnaa aaacccccga aacaaaccac caataaaaaa 300
aacacaaca aacaaaaaaaa caaaaaaaga aaaaaacaaa caacaagaaa aaaaaaacaa 360
aaaaaacaaa acacaaaaaaaa aaacaactac aacaaaaacc aaaacaacaa aaaacaaaaa 420
aacaaaagac aacaaaaaaaa acaaaaaaaaa aaaaaaacaa acaaaaacaa aaaaaccaac 480
accaaaaaaa aaaaacaaaa accaaaaaca caaaacaaaa aaacgtacaa aacacaacaa 540
aaaacaaaaac agataaacaa acaacaaaca aacaaaaaac caacaccaca caaaaaccaa 600
acaaaaaaaa agaataaaaa acaaaaaaaaa ataaacacaa aaaaatacaa acacaaaaga 660
caacaacaaa aaagacaaaa aaccacaaaa aaacaacaaa aaaaaacaca taaagaacac 720
aaaaacaaaa aaaaaaaaaac atacaaaaaaaa ccgaacaaa agacacaaac aaacaaaaac 780
aacaccaaga acaagaaaaa acaaacacaa cgaataaaaa cacaaccaa aaccgacaca 840
aataacaaaa tgcaacaaaa acacaccaga aaaaagaaaa aaaacaacca aaaaaaaaca 900
taaacacaaa caacaacaac cacaaaacaa aaataggaaa caaaaa 946

<210> 12948
<211> 149
<212> DNA
<213> *Aspergillus nidulans*

<400> 12948

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gactgtcggg ctgattgtct cgtacatcta cactaactgc gctaatacgc cagaccctca 120
tctaccgggc tctggcactc tggcttggc 149

<210> 12949
<211> 615
<212> DNA
<213> *Aspergillus nidulans*

<400> 12949

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tagcaaagga aggcgaacac ccccgagtc cattgtgtat tgggtgcagc caaacacgac 120
taaggctgac ccattcacc cgggcgtgcg cagcgcgcca cacatgagtt cggccaatgc 180

aagagtagta cgtaggcgct tgacttactc aacgccttga cggagaaccg accctcaaaa 240
 ggctgagatg aagcgctaag tcgatcaata cacctaagct agtggactac ggagccact 300
 ctcatgaggc agggattcac actatataca ataccttgag taatccgcgg ggaacgttgg 360
 aaaacgactc aactcgccaa ttgacgttct gtgatctcgc gagagggaat cggcgagcct 420
 atctacagct gagtgatgca atcgcttaat ccacacgatg cgacctgatg ccagacaaac 480
 cccacggta tggcgatata cctgtcctac tatgtagcat atatcgaata aacaacgctt 540
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 gggcccgac ccaat 615

<210> 12950
 <211> 119
 <212> DNA
 <213> Aspergillus nidulans

<400> 12950

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 ccctggacag tgcccactac ggagtcatac tcggacagtg aatagctgcg ccgaatcga 119

<210> 12951
 <211> 147
 <212> DNA
 <213> Aspergillus nidulans

<400> 12951

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 cagagcctag cggtagcaac agatcaatga tgctctgggt cgtacaggac caagcgtagc 120
 caacagggct ggtcggatgt ggatgtc 147

<210> 12952
 <211> 690
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 12952

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acggccaaga tagtagccag ggggagcgaa gtgcttgagc agatgcgcaa ggtctcccat 180
ccgccgttct agcataagaa cgaagggttc cttgacacct ttggcgacga tgctgcgcc 240
accgccgaac gtaagctggc agactatttc gttggccatg agagtccacc accccatgat 300
ctcggcctcg ccctttacgg cgtcgcattt gatcttctcc acggtcagct tgatgatatc 360
ccggaccttt ggctcccact cgtttcgtaa gctctgcagc gtgaaacccc gggcgtaaag 420
tttacgacgc gccgcatgga gntttggatc ccgaaagttg aagatattgt ctaccggccc 480
tggtgataga agctcataga agggagcttt catgaagcca gatcccatgc ggtggatctc 540
gcgtcctgcc acaggatctg ccacgtcgat tcttgaggtc cgttccgacg atgggccata 600
ctctggggca gctattgact agtggattca ttgttggcaa gacgaccaga cagcccagcc 660
tggcaacacc atccagggac ctgaaatgtt 690

<210> 12953
<211> 720
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 12953

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aaatatataa aaatatataa aaaaaataaa tataaataaa taaaaaaaaa ataaaaaaaaa 120
taaaaattaa aaaaaaaaaat aataaaaaaa ttaaatataa aatgaaaaaa aaaaaaaaaat 180
aaaaaaaaaa taataaaaat aaaataaaaa taataataat aaaaaataaa aaataantaa 240
taaaatataa aaaaaataaa aaaataaaaa ataattattt aattaataaa atataaaaaa 300
aataaaaaata aatataaaaa naaaataaat aaaaaataaa attaaaaata aatatattaa 360
aaataaatta tataaaaaaa taattaataa ataaatatat aaataaaaaa aaaaataaaaa 420
aattttttata nntttatata agaaatataa atataaaaaa taagaaataa tgttatatta 480
aaaaataata aaaaaaaaaa aaaaataata aaaaataaaa taataaaaata aataaatata 540
taaaaatgat aaaaaaaata taaagtaaaa taataaaaaa aaaatataaa taaataataa 600
caaaaaaaaaa aataaaatat aaaaaaaaaa acaataata aaaaaataa aaaaaatata 660
atataaaatt ataaaaaatt aaatatataa aaataaatat aaataaaaata aaaaataata 720

<210> 12954
 <211> 903
 <212> DNA
 <213> Aspergillus nidulans

<400> 12954

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gagtctcaaa tagacagcac ggcaactaac tctaatacag cagaagttag ggttgccgg 180
accgctgacg tggggagtga cgattagccc caggaagcct ggactaaact gactgataac 240
gcaatcccc aagctattag acacagatta aagcacctga tttgttgccg tagtcgaggc 300
caatctactg gagacagaac cctgccggca cagccacggg gaaggccac aacggctcat 360
gctcatattc agggctcttg ccctcattcc gcacgatacg aagtatcctc gtatctctaa 420
gatcgagctg attgtcctat gtaccattta gaatagagca gaactacgca cgagtctttg 480
tcagatacct ttacaagcca gtaaagccct gctgctcgag tctcgcttct cgagtccctgc 540
ttctcaagtc ctgcttctct ttcgtgcaga tttgcgtatc actgcagctg ttagaataga 600
tagtccgtcg agacagagat attgttctca cgcggaagga tcagacaatc tagttcattc 660
gaaccggca accgaccagt tggttggggc cgtcgccgaa tggatgagac ccactttaag 720
caaccgtcg gccaaagggc tgtgtgaact gactccctt caagttttct gcaaccattc 780
aggaagcgta gaaaattggg gagcactaca taggctaact gtcaacgctt atttctattg 840
tcacaacttg ggcatagac cccctgccca ctaactggat ggtcgtcaag gggtttactt 900
tga 903
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<210> 12955
 <211> 888
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 12955

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aggaaaaaaa aaagaaagaa agaaacaata aaaaaagggg aggggggaca tatgggaaaa 120
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cnagaagaag gtgaggggga aaaaccgaga aagagagaaa aaaaaaaaaa cgcgcaaaga 180
 aaaaaaaaaa aagattagaa cccaaaaaga acagaaagga agaagagggg gggaaaaaaa 240
 aaaaaggaaa aaaagaagaa aaaaaaaaaa aaagaaaaga aagggggaag aataaaaaaa 300
 aagaaagaag ggggaagaac acaaaagaaa agaaaaaaag agagaaaaaa gaaaaagaaa 360
 gaaaaaaaaa aaaagaagag aagaaaaaaa aaagagaaac gaagaaaaag gaaaaaaaaa 420
 gaaaacaaga aaaaaagaag aggaaagaag aaaaaaggaa gaagaaaggg aagaacaaag 480
 agaaagaaaa aaaaaagaag aaaagaaaca aagaaaaaaa aaaaaaggag aaacaagaaa 540
 aaccgaaaaa aaaggaaagc gaaaaaagac gaccgagaaa gagaaagaga aagagaaaaa 600
 aaagaaaaga aaagagaaag ggaagaaaaa gagaaaaaag aagaagagga aaaaaaaaaa 660
 aagaaaagaa aaggaacaga aagaaagaaa aagaagagga aaacacaacg aagaaaaaaa 720
 aaaagaagac gaaggaaaga gaagaaaaaa agaaaaaaa aaaaagggaag aaaaaaggga 780
 agagaggaag aaagaagaag aaagaaaaaa agggaaagag aaggaaaggc aaaagggaag 840
 aacaagagaa aaaagaagaa aaagaagaaa agaaagaaaa aaaaaaaaa 888

<210> 12956
 <211> 930
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 12956

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 aaaatataga aaatatataa caacaacata aaaataaata aaatattaac taacctctaa 120
 cacaggcaga tagcaagtta ttggcaaaaa acaaccgccg aananaaaca ccaaaaatta 180
 acaaaaataa aaattttact aaacaaaaca attttttttt aaacaaccca aaacaaaaaa 240
 aaaatacaaa aaggggggga aatataaaaa aaaaaaacag gggagaaaaa aaaaaaaaaa 300
 ctaaaaaaaa aaacgaaata caaaaaaaa taataaaata aaaaaaaaaa aactaaatgt 360
 aataaaaaat ataacacaaa aacaatatat aataaataac aaaaaaaca aaaaacatca 420
 aaagaatata atacaacata acaacaataa gaacacgaat gacaaaaaat taaagactaa 480
 taaagaaaaa aaaaaaaaaa ataaagaaaa aaagaacata aagaaaaata aaaagatata 540
 caaaaaaag ggaaaaaag tgaactaaaa aaaaagggaag caccaaaaac tacgcagcga 600

aaaatataag aaaaaaaaaa taaaataaac aaaaataaaa aaagaactaa aacaataaaa 660
 acaaaataga caaaaaaaaa aacacaaaaa taaaaaaca aaaaaaaact aaacataaca 720
 agaacaaaaa acaataaaaa aaaaaaaata aaataaaca cataagaaaa caaaaaaata 780
 caacaaaca aaaaaaaata aaaaaaaaaa aacaaaaata ataaacaaaa aaaaaaaaaa 840
 aaaataagat acaaaacaaa aacaaactaa aaaaaaaaaa caaaaaaaa aaaaaaaaaa 900
 aaaaaaacat aaaaaagcaa aagaacgaaa 930

<210> 12957
 <211> 784
 <212> DNA
 <213> Aspergillus nidulans

<400> 12957

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 aacggaaccg aggagaaaag aaaagaaaac aaggcatgga aggagaaagg ggaaagagaa 180
 cggaaaagga aaaagaaaa caaccaccac acgcaaatg ggggaagaga caagggagaa 240
 gtaaagaaac aggcgcaaga agggaaaatg aggggcagga gccaaagaa agggaaaccag 300
 ggaaaaatca aagctgacaa ggaaagcggc gagaacctga aaggaacaaa ggaaaggcgg 360
 gaagcaaaga aaagagagag ggaaaggcgg caataagaaa gaaaaaccaa cagggaaaag 420
 aaggggagcc agaaacggga cggaagcaag gaacgggacg agagaaaaaa ggggaaaaag 480
 aaaaaggcgg agaagcggaa aaggaagaag agggaaacgg cagaaggag aaaaaaaga 540
 gggcaggaaa acgaagaaac gaaggggaaa gagccaagaa ggaaggggaa gaaaccgaaa 600
 gggggacagg caggacagaa cagagacgaa aagagaaggg aagagggagc ggagaggcgc 660
 gaaccagaca agaaaaaaga cgacaaggga gacaaaaaag gacggaaaaa ggcagacagg 720
 aagaaacggg ggggaaagaa aaggaaggcg agggaaaaag acgaaaaaag ggagaggaaa 780
 gaaa 784

<210> 12958
 <211> 523
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
<400> 12958

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acaaaaaaaa taaaaaaaaa caacaaaaca accacaaaac aacaaaaaaaa aaaaacaaaa 180
aaaaaaaaaa aacaacaaca aacaaaataa acacaaaaaa acaaccaaac aacacaaaaa 240
aacaaaaaac aaacaaacac aaataaaaca acaaaacaaa aaaaaccaa aaaaaacaaa 300
aacacaaaaa aaaaaatata caaaaaccta aaacaaaaaa aaaaaccaac acaaacaaaa 360
accataacaa aaacaaacaa caccacaaaa aaaaacaaaa acacaatcaa aaaaaaaaaa 420
aaaaccaaac aacaaaacaa accccaaaac cacacaaaaa cccaaactcc aacaaaaaaa 480
cacaaaaaca aaccaacccc caaaaaacac aacaaaaaca aca 523

<210> 12959
<211> 562
<212> DNA
<213> *Aspergillus nidulans*

<400> 12959
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ggctttgctg caattcgaat ggaaaatgtc tgccctcatt tttcttactt ggttcctgat 180
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tttctccact ctttactctc atatecttct ttcccttccct acttctctct cttatatcat 360
atccttatat tttttattcc tctttttatt atcacatctc ttcttctctc ttctcttctc 420
cctctctttt cctatataca tcattctctt ttatattcat ctactctctt tctcttctct 480
cctttctatt ctttataagt atcttgctcc attctccctc cattcttctc tttttcttct 540
actcctcctt caatacttca tc 562

<210> 12960
<211> 582
<212> DNA

<213> Aspergillus nidulans

<400> 12960

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ggcttcata ataccccgac aaccacaccc ccacacccta tgacataacg ggactagctc 120
ccaccacatc cccacgacgc taccaaaacc cccaacagg cgcccccca ccccgaccaa 180
acagctcccc caccgcaccc gcaacgcccc acataacccc accaccccac caccactcac 240
cccaacacca cccactacc ccgaacccca aacacccccc cccacccccc acaaccccac 300
ccaaccaacc ccaccacccc acaaacccaa acccccacac acacccccc accacctcac 360
cctccatacc ccacccaaaa cccaccacca accacccccc aaccacccac accccacca 420
ccccaccaa ccaccacaca cccacacccc aacacacaca accaatcaca ccaacccaaa 480
cccccccac cacacatccc ccaatcccac acaccacca ccaaaccaca cacaccacc 540
accaccctca caccacatc accacatccc cccccaaccc cc 582

<210> 12961

<211> 162

<212> DNA

<213> Aspergillus nidulans

<400> 12961

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attctcacct ccacgatggg gtcgatcgcc acgaacgcag ccgtgagctt ggacatacaa 120
gagattgcat atcctcgta cgtacagact ttggacgtcc gt 162

<210> 12962

<211> 476

<212> DNA

<213> Aspergillus nidulans

<400> 12962

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ccgtgctctt ttgccagaca ggacggcaac gacgcatgct gaggtcctgc caatgactgt 120
gtcttctgca ctgccatcat aacaaggta ggaacgtgta gatctaaggc acaaccgcga 180
cacgatgtac tgaatgaggt ctgagccgta aagcactgac acccatgttt gcacagactt 240

cctacgacat gacgtattat gaaataccca accccaaca ggggagtttc gcacagcctt 300
gaagcgcaca ggaaggatag gcatgagctc ggaatgctga ccaccagtg agttcacggt 360
tcggcagcgt ccggaaatcc gactgtccgt atcgttacca tgggtcgtac atcgaccgaa 420
ccggggctta caattccaat taagggtgct gaaacatcg tcgatcccc gctcgc 476

<210> 12963
<211> 687
<212> DNA
<213> Aspergillus nidulans
<400> 12963

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ctcagtagtt gttgccaatc caagcatatc ttactacctt tggttatctg aacatgcctt 180
tgcttgagct ggccgttggt ggaaggctga ctgcatgaat gcagcctgta ttccagcaaa 240
tgattgggca ccatatatct gcaactgttg acagaacata tcctttgact gtccctcgaa 300
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gaatgattag agaaacggtg acttgccagt tccatgcacc tgaaagacag tcaaagcaag 540
ctaggtctag gggcaatddd gccctcacca ctctgcaac ttgtctagat agagcttaaa 600
gttctagcca cttgcaaacc aaatgaactt gctacttgat gcaaaagacc cgcactcacc 660
gactactgta ggggtaaagg ctgctgg 687

<210> 12964
<211> 851
<212> DNA
<213> Aspergillus nidulans
<400> 12964

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gtgtgtcatt aaaaacctcc gtccagatcc agattgctga gacacaaaaa tcaaccagc 180

aaaacagcga cgtgtaaatg aggaaaagca gaaacgcttt gtagttgcgt agcccaacgc 240
 aagtcgccag ccacggacaa tgatgggtcca tcttcagcac acactcgttg cacgtggagc 300
 agtgatgcgc ccggtccggc ttccggacatt ggcatttctt gcaaaaccgc gaccccccg 360
 taggagtgac ggtgtaagaa gtatatccgg gtaacttggg aatcggtaac gcactgaatg 420
 ggagaccccc accactgggc gcactaaaag ggggaccggg atctgtgaag accggcggtg 480
 ttaagaaaag gtgagggctt gtagaggacc acccccagat caactgggga gttccgaaaa 540
 gggagcctga gttgagtaaa cggttcgaga ctgcacaaca accttttcag aactctggtt 600
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 accaggtgtg caggcaaggc cctaccgttt ttttaactcg cctttggggg gacctgcaaa 780
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<210> 12965
 <211> 936
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 12965

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 aaagagtagc acaggaggaa attatganaa aaaacaccgg ggggaaaaaa aaaaaaaca 180
 aacaaaaaaa aaaataaaaa aacaaaccaa tttattaaaa agagaagaca aaaaaaagga 240
 ataaacgggg ggggggtaaa aaaaaaaaga aatagggggg gggaaaaaaa aaaaaaaat 300
 aaacgaaaag gaaaagagaa agaaaaaaag agaaaaaaa aaaaaaaaag agagaatgaa 360
 agaaacaaag aaaaagagaa gaaagagaga cgaaacaaaa aaaagagaaa aagagaaaaa 420
 aaacaaataa aaaagaaaac gaaaaacgaa gaaaacaata aaaaggaaaa agaacaaaaa 480
 gaaaaaaaaa gataaaaaga taaaaaagaa cagagaaaaa ggaaaaaaaa aaaaagagaa 540
 aagaagaatg aaaaaaaat gaaaanagaa aaaagaagaa aagaaagaga aggcaagaaa 600
 agaaaataaa aagaaaaaaa acaaaacaag aagaaaagaa aaacggaaca aacagaaaaa 660

gaaaaaagag ataaaaaaaa aagaaagaca aagaaaataa acagaaaaac aataaataca 720
 agaaaaaaaa aacaatagaa aagagaaaaa aaaacaaaaa ggaaaaaaga aaaagaaaga 780
 aaaagagaaa gaaggaaaat aagtgagaaa gaaaaaagaa aaaaaagaaa aagaaaaaca 840
 aagaaagaaa actagaaaga acaagaaaga gaaaagcgag aaaccaaaaca agaaacacat 900
 agaaaacaag agaaataaag aaaaggagga taaaac 936

<210> 12966
 <211> 274
 <212> DNA
 <213> Aspergillus nidulans
 <400> 12966

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 accaactcaa tatctcgggt ggctcagct gcacgaccgg tactaacaga gctcgggtata 180
 cttgctgagg aaccgaacaa aggaacacca agagtctgtg atcatgcaag tacacagcat 240
 aagaatctgt atcgtgcttg acgtacagac tcat 274

<210> 12967
 <211> 552
 <212> DNA
 <213> Aspergillus nidulans
 <400> 12967

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 aattaccag acaaaggaat atgtcgggcg caatcaaggc atacggggcc aacaatattc 180
 ccttggcaga agggtttggg gtggtaggag aaaacaatcc accgggacac ctgctcgtcc 240
 cggggaccag cgtggtagaa gcctgatcgg gaatggcccc ttttactcct cacaatttga 300
 gccgtttacc aatTTTTgca gttgatcttc ctgcgaccga gtgaaacacc caggagcgaa 360
 cctgttgggt gaatcttaga aaacaagccc ttggctgagg gcttgccaac atgaccatgg 420
 caacttacta tgagcatttg ggggtacctt ttaactggta ttgaaagaac acccaaactg 480
 aggtaaagat aattcctcgg aggcacggta attcttcttt aacatggctc ctgatctgtt 540

tgattgaggg gc

552

<210> 12968
<211> 815
<212> DNA
<213> *Aspergillus nidulans*

<400> 12968

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<210> 12969
<211> 1166
<212> DNA
<213> *Aspergillus nidulans*

<400> 12969

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gctgattcgg agcccaggag gtccttgaag tacttcacat ctccgcagc gatctcggcg 180
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gcttgtcgtg cagatgcttg ggaaaagcag cgagtggccg gcacagagag ttgagagacg 300
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tttctggctc cagacatagc gcgatcgttg acaataaacc cagagctcgg tgagaatctt 420
cgggctgtca aaagattcag tccgttcgga gtccgctccg aaaagctcgc ttattcagcg 480
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cggaaccttg ctcgggagct tccatattct gtggctagaa cacggaaacc tgggtattga 660
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actagtcgat tcttggacat ggaggg 1166

<210> 12970
<211> 615
<212> DNA
<213> *Aspergillus nidulans*

<400> 12970

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aaaacaaaaa aaaaaaccaa caacacaaag acacaaaaaa ccacaaacaa caaacaaaca 180
acaacaacac acaacaccaa caaacaaaaa acacctaaac aaaacaaaaa gccaaaacca 240
taccacacac catacacaca aaaaaaccaa accacaaaaa aaaaccaatc aaccaaatca 300
aatcaaaaaa acaaaaaaaa accaaaaaaa aaacaaaata acaaaaacac acaataaaaa 360
aaaacaaaaa aaaaaaaaaa aaacacaaat aaacaaaaac ccaaaccaca aaaaacaaac 420

acaacaacac aaaaaaccca aaacaaacac aacacaaaaa aaaaaacaac cacaaaaaaa 480
aacaacaaaa aaccaaacac aacaaaaata acaacaaaaa aaaaaaacag ccaaacaaaa 540
acccaaataa aaaacaaaac aaaaaacacc aaaacaaaaa acaaaaaact aaaaaaaaac 600
cacaaaaaac aaaaa 615

<210> 12971
<211> 585
<212> DNA
<213> Aspergillus nidulans
<400> 12971

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gggttttctca tcaccaacat catgccaccc ccacctcgt acctgtttc tcacactcca 180
tccaatccac atggaactat tcaatgggcg aacccaaadc caacatccaa tacacacagt 240
atggctagcc tatccccctt ccttcctctg catcaacca aaaaagaatc ttaccaggt 300
gggcttacc caccaataac acgctcgta aacaaacccc cttcacaacc aactaaatct 360
cacagtgccg ataaccgtat ttactcttcc catccaggct actataatcc ctaagcttgc 420
taagcatcct gtgcctcccg cctctccccg tagttaaaaa gtcatgctcc cttactcctt 480
ttatttcttc tccatttcc ccaaaacaat tctttcttgt gcccctacc cgcgccagaa 540
tttcaaagg gcgagcaatc ctccctctct tgccccccc cattg 585

<210> 12972
<211> 614
<212> DNA
<213> Aspergillus nidulans
<400> 12972

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taatttatcg taacgcccga tctctcacgg agccgctagc gacctcgaga cgggcttgac 180
cagaacacgg acagacgggt cgggcacgtt tccaaatcca gagcggcaag cggggcgatt 240
gattcggtcg gttcgagaat cggctgactg gtttcgactg gccagaagt atcactaatg 300

cctcgccagt catagcaagc tgttgctgac agctgctggg cagcatgaat caagacttga 360
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 gggtccggcc aaagtaatcg ctacccccgt atctagatga tcgccgcgta gggcgcatte 480
 tgggcacagt gtggcgattt ttgggactca cagcaccctg catggggttg tgtagcgtag 540
 aaacggcagc ttgccgtttt gtccgaggag cggctggcca tgtctttgag gagggccccc 600
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<210> 12973
 <211> 583
 <212> DNA
 <213> Aspergillus nidulans

<400> 12973

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 aagttgttgt cgtatttaat gacggccact tgaacctgcc agagggagtc tttcttgcaa 120
 tcaagcaggg tgagcgacca cgcttcaatc tcggcgatgt cctctagggg ttggagcagcg 180
 gtttctgggt cggcatcggg gtctgaagta gggtttcggg ttgcgtcagc gcggtttata 240
 tgcgtaagtt agtccaatat gttcttgata aagggtgtata gtagatggac aaaccttctt 300
 taatacacca agaatgaagg aaaacgcata cacagctaac ttgtgcggtg tctcctctcg 360
 taaccaatgc acaaccatcc gtttcgccaa agtctgaagc agttccttct ctggctctga 420
 gctactgata agattgctca cccaagccct ttccttccca tcggatatat cagcgatagc 480
 caccgacttt taactaaact ctgcgccatc cttagcagca ttgctcagaa atgtgcgcgg 540
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<210> 12974
 <211> 781
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 12974

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 aaaaacaata aaaaaaaaaa aaaaacaann nnnaaaacag acaccccgat aatnnaaaaa 120

accgggggaa aaaaaaaaaa aaaatattta taaaaaaaaa ataaattanc annnanaaaa 180
 aaaaaaaggg ggggataaaa aaaaaaaggg gggcctaaaa aaaaaaccnc caaaataaaa 240
 aaaacacaaa aaaaaaaatc aaaaaaaaaa aacaaaaaaa aaaaaaaaaa aaaacaaaaa 300
 aaacaaaaca aaaaaaaaaa aaaaaaaaaa caaaaaaaaa taaaaaaaaa aaaaaaaaaag 360
 aataaacaca aaaaaagaat aaaaaaaaaa aaaaaaaaaa caaaaccaaa aaaaaaaaaa 420
 aacgaaaaat acaaaaacaa aacaaacaaa aaaatgaaac caaataaaaa aaaaacaaaa 480
 aaaaaaccaa aaaaaaaaaa gaaaacacaa aagaacaaa aacaacaacg aaacaaaaat 540
 acaacaaaaa acacaaaaca atatatcaca caataataaa caaaaaaaga agaacaaaca 600
 aaaaaatata aaaaacacaa aaacaaataa aataataaaa accaaaagaa aaaaaaactc 660
 aaaaccaata aaaaaaaaaa aaaaacaatg ataaaagaaa aaacaggaaa aaacaacaaa 720
 taaaaaagta aaaaaaaaaa aaaaaaaaaa cacttttaaa acaaaaacaa aatccaaaaa 780
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<210> 12975
 <211> 124
 <212> DNA
 <213> Aspergillus nidulans

<400> 12975

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 aacaagaaga atatatagaa aataaataaa caaaaaaaaa cataaaaaat tgtacaagga 120
 accc 124

<210> 12976
 <211> 638
 <212> DNA
 <213> Aspergillus nidulans

<400> 12976

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 cctcgtagtc tttccgagct ttcttcgctc gcaacttoga gtccttgtct tctttgcgtt 180
 cctgatactg ctcatataac gagtcaagtt ctctctccaa ccgatcccc tcacatcgcg 240

tatcatcgaa ttccgtttcg gactcggact cttcgctttc gctctcaatg acaggcaatt 300
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 tagcattctc cccttcggga acccaattgc ttctttccac aattcctaag gagttgtgat 420
 gtgcattctg aattcgaacc aaactttttt ggcgtatccc ttaatatattc catgggcccc 480
 tttccctttt atattttaag accttttctt tttcttaata acggggaaaa tttttcttgt 540
 gttgtgccgg ttttctttca tatagggcac actttgggga cccctttggg gttataaatc 600
 actgggttgt ggcctcttta ctcccaggcc aaaatttt 638

<210> 12977
 <211> 555
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12977
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 ttttgcatg caaggtgctc aataccctagt agctacaata caccaacctt gaccgcactc 180
 agcatgaaat gggcgacgaa cataagacgt gtctacagac ctctgtggcg acgggggggcc 240
 agctgtccgt gcgtaccatt gccctgttac atcgggatga cctaacgcta atttcgcact 300
 cgccgtggca agccgatttc cagaccctcg acgctggaat ggcaagtaat cgccgcaaac 360
 acggctcttg acttcctgtt tggccgacac aaattaacgg aggtcgtgag cagcgccact 420
 accgggttta cctatttgtg taaagatccg taatttcccg caatgaaatg actgaacccc 480
 tcattttgag ggaagcggtg tcataccttc ttatatgcc ttagcctatg aactaaatct 540
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<210> 12978
 <211> 565
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 12978
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cccccccc ccccccccc ccctcccc ccccccccc ccccccccc ccccccccc 420
ccgcgcgcgc ccccccccc ctcccccccc ccccccccc ccccccccc ccccccccc 480
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<210> 12979
<211> 109
<212> DNA
<213> Aspergillus nidulans

<400> 12979

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tgttctcgac cgttctctc ccaagtcca ggcgcgatg atgttcct 109

<210> 12980
<211> 828
<212> DNA
<213> Aspergillus nidulans

<400> 12980

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tgaatactga ctacgatttc acggctgaca ccgtttcttt gacgcatggc tactctgctg 180
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gaattcacac tatggctggc caaactccc attgtgatcg tgaaatcctt cgatcactgc 420
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actgtgtaat ctaccacct aggttacacg atgacttata accgtgggac tagccatgca 540

ttaagaagca ccaggcccag gagacaggac ttcgacaaca gttgtcggaa ctaccaccac 600
gctagttcca tctgagagtt gcgatttacg gatctattct gacattacat gtgagccacg 660
tcctcaagac ccttgagtgg gcccctacca taatgaattt gctcgtttcg caggtgggtc 720
cctatTTTTt ttattctgac ctgatggaat cttcctccaa cattaaactc ggttatggtt 780
tccttggtccc ccagaaaggg cttataaacc ttagggtttt tttttttt 828

<210> 12981
<211> 509
<212> DNA
<213> Aspergillus nidulans

<400> 12981
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aagataaaac attgtaccta ggtatttgca tttatttcaa atcttttcta agtggcatat 180
tagtttgatt ataaatctat gagggattgt tttgctttgt attgtaatga atttttagaa 240
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ttgaatcttc tccaccact gtccagagca ctcttcgttt tctaagatca acatataacc 360
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<210> 12982
<211> 904
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 12982

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tgtttgacca gaacaccgta agtcgtgcac tctcctcagg gaatcctcct tatcagcatg 180
tgattatcac acttataatg ttgttgatat cgataatgat gacgatgttg atgatgatca 240
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ctgcacggac tagctatcca cgccccatc tacgtcgcca aagcaacagc caaagcagca 360
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 gcgggcgctc ccgcgcccct ggcccatcgc acccaggatc tcttactctc agtgcgccag 480
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 tggatgagta tgatcttatt ntcccttate ttttattgaa ggggtgcgtac catggacatt 840
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<210> 12983
 <211> 919
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 12983

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 atatatctca tttacttttt tctctgttg ttcctttctt tcacattttt tattatcatt 660

gccttcttct ttcatttatt attttttgta tacttttcat catttcattt gtttcttact 720
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 tatttttact ttttattctc ttcctaattt attttctatt tatttctggt aatttcttct 840
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<210> 12984
 <211> 575
 <212> DNA
 <213> Aspergillus nidulans
 <400> 12984

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 tccatcccta atccgattga ctttaccggc ccatatgctg agccttgaca tggaacagcc 180
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<210> 12985
 <211> 901
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 12985

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 gacatcaggt catttacctc ggggattgtg acccaaaaaa tcattgcagc caaacctatg 720
 ggggggcctt ttggcaaaac tgggtagaga ttttatattg gggattcggt cagataaaca 780
 gagcttctat tttttttttt tctttnnntt cttctttttt ttnntnttcn nntatgtaaa 840
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 a 901

<210> 12986
 <211> 489
 <212> DNA
 <213> Aspergillus nidulans
 <400> 12986

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 tgcttcacaa aacagttaga ggagagtggg attgcaccgg gcgatttcat caagcagctt 180
 ttagccgatg tcatggcaga agaaggagaa aagggtcagt catcagcatc agcgccaacc 240
 ggcgcttctg ttggagcagc accagcacca gcagggaagcg aacgcggcgc aggtccagaa 300
 tcatttaacg atgcaatcca acgaacgatc aaccggatga agaataccgg cgacaaagcg 360
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 atgatggag 489

<210> 12987
 <211> 537

<212> DNA
 <213> Aspergillus nidulans
 <400> 12987

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 tttactccag acaacaaaaa gcctcaaact gaaggcagcg tccgcccagg aagcaataga 180
 gcgacgagag aaactagaac gtgagcttaa gacgaagaac cttgagttgg ccgacatgat 240
 ccgggagcgg gatcgtgctc tgcattgacag ggaccgcctg acgggaagca acaaggatga 300
 gctggaaaag gtcaagcggg aacttcgttt cgctatcgag cgcgagaga acgaggagcg 360
 ccagaaaggc accgaaatct cctccttgct ctcgaaatat aacagggaaa tggctgatct 420
 agaggaagca ctgaagttat gtcgaaaaga caattttcct ttacgttgta ctgaccgaac 480
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<210> 12988
 <211> 860
 <212> DNA
 <213> Aspergillus nidulans
 <400> 12988

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 cttcatgtac cttgtaattc cggacagcta aacaactgac tggttttgga accctttaac 720

gtttttgagg acccattttt aaagggcaat aatattcttt attggctctg tttttaacac 780
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 ggtaaacaat cccccggggg 860

<210> 12989
 <211> 697
 <212> DNA
 <213> Aspergillus nidulans

<400> 12989

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 ctcaattctt atcctacaca ccattcattat aatttcttca aataattata ttcatactta 600
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 ctattatcct atttctccta tcacccttat aacaaca 697

<210> 12990
 <211> 835
 <212> DNA
 <213> Aspergillus nidulans

<400> 12990

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<210> 12991
<211> 796
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 12991

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tctcagggca tgtngtgca gaatctataa cagattagca taatgtgtgg gatgggacga 720

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<210> 12992
 <211> 319
 <212> DNA
 <213> Aspergillus nidulans

<400> 12992

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 aagcccaaac agaacgctag catattaatg tcaggacgct cagcatggag atgaccaggg 180
 ccgaattgga ccggaaccg atggagaaaa ggaccgagac cattggaatg aagaaaccct 240
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 tacgggtgta gagaccggg 319

<210> 12993
 <211> 618
 <212> DNA
 <213> Aspergillus nidulans

<400> 12993

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 attgtttaaa tccctcagcg tctctggacg gagacgacct ctgagtgcgc gccgcagggc 180
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 tgggaggaca gtgtctccct tgtgcagtgg gacagttagg gttctgtcgc cgggagtggc 360
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<210> 12994
 <211> 774
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 12994

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gaccacacg atgtgaccga tttgggttag tctgtgtata tactccaaaa cccttatact 360
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gatggagtta ggatacactg caccgggct tctaccttgt ctgaatcact ggaagaactg 600
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gtaattacca aagttaacgt gacccttttt ttcaagagga atcgacttga ccgctaacgc 720
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<210> 12995
 <211> 999
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 12995

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gcccataact cccgaagtga aagaatgaaa caaaagagca ttaattcagg aaaacagaga 180
acattatagg tcacgctaga ggctgattgc atggctctaaa ggacatcacg ctaaaaagcg 240
aaaacgagct gcgctaagct ttgtgatgag aagaccctta aaacaagcca cgcaagcgaa 300
  
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 ccgattcaat ctgttgtagc gcaaccatgg accccagcgc cagtcagaac agagctgcgg 660
 ccagtggccg aaaactaact ctccaattgt atcgtcgctg ctttaagggc cgcaagcagc 720
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 cggcaactgc tatcggacgg gcacgccgtt ctgccatgtg gggtagcttt cgagtctgga 900
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<210> 12996
 <211> 590
 <212> DNA
 <213> Aspergillus nidulans
 <400> 12996

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 ggagaacgct gcaagacact accatttgcc ataatggatc gacttgtgca gagcctgcgg 180
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 taaactaacg gaggcattgc taagcacaca accatgttaa gtaagcttct tactgatcta 300
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 aacaagcgca gagtctgacc tgtctcgtgc tatggagaac agacgcagaa gtccgagcgc 420
 tatcgttaat aagcgctcat cacacgtgc acgtctactg atctacggct acacgcttga 480
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<210> 12997

<211> 603
 <212> DNA
 <213> Aspergillus nidulans
 <400> 12997

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<210> 12998
 <211> 615
 <212> DNA
 <213> Aspergillus nidulans
 <400> 12998

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gctgatgcaa ctattaacag gccgaccca tgatcccttc taagggcacg aggagctatt   180
acgagaccgt tgcagaaaga gaccctgaag ttcgaagcta ttatcgtctc tttgaggctc   240
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caaggaatgt taggtataac aggatgattt gcccttacct ggagcgggca atatatgatg   420
gaaccggaga tccaacattg aggagcagtt attcctgttc ggcagacggt ctggcatttc   480
acagcaacgt tcgcttgat caagtaatga aacctggcga ggcattctgc tacaatgtgt   540

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<210> 12999
 <211> 677
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 12999

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 ttatacccaa tggaatcggg actgggaacg gtgcctccga acaaagtcgg gccctgggtga 240
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 aatcacatca acctcgaaca cctncagctg ctttcacccc gtttggtctg ctctgtattg 540
 accgcggcgc cccctgagcg tgtctctttg agacgaccag gcgcttaaat cctctcgaat 600
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 tgttccgtcg gcccgat 677

<210> 13000
 <211> 996
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13000

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 ctagctcctt tacatgatac caatatatac ctgatgaaag cttgtgcgga ctgtctctct 180
 caacagctcg attacgttgg tagcatcggc ctccgtagca gatagcgtac aatagtcgga 240
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<210> 13001
 <211> 668
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 13001

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 ctactcctt ctataatcca cttcccttat ttctaaacac taactcccca atccacctt 600

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<210> 13002
<211> 604
<212> DNA
<213> *Aspergillus nidulans*

<400> 13002

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<210> 13003
<211> 654
<212> DNA
<213> *Aspergillus nidulans*

<400> 13003

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tataagtcta caataacggt aatgttgca agtaaattga ccgcactgat tgtactatgt 240
atcatctttg cgacaagaaa gcagtagtac agatcacata cggcaatagg ggcatatcgg 300
cggtgacctc aatctatcct attcctctgc ccgcatctgc taacggcgac caaattgtct 360

tggccgacac ttcggagtag gtaaattcgg ctagcaggac cagatgtagt atactgattg 420
 ttattcgggt cgatccagaa ttattattgt ttagtttgta gcgccaattt aattccttgt 480
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 gggtcgacat ccttatcatt ctccagatac tactactagg taattgcctc gcaattatgc 600
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<210> 13004
 <211> 784
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13004

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 gggaagaagg ataaggacga agaaagccgc cggcaaagca agccagcgaa gggaaccggg 600
 ggggccgatg aaacgaggcc acgaaccca gcgggggaga tggcaaagat gggacaggga 660
 aggcccaaaa cgcccggagg aaggccggga caaagccaac aaaaaacaac cgaaaggccc 720
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 aacc 784

<210> 13005
 <211> 634
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13005

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 agagtacgtg gaaaacatgg tttcgttttg cggaagcca aagcgtctgc ttccgacggc 180
 gccatccgag gagacgttga tattaccgac tgaaacgcgg atgagcgcag ccgggtagat 240
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 aaggacctcc tggagcctgg agctagcatc cttctgcac acaagacagt ctcggtatgct 420
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 cgccaaaggg ggttaaacc tctactggag cctt 634

<210> 13006
 <211> 880
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13006

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 aggagaggcc ggcacccctc catccccctc tcagcgcctt cattccacct ctcaccccc 180
 ccccatctc ctccctctct tttcctaact ccatccccca cctcccagc catcgacccc 240
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 cctccatcc ctccctctc ctccccctt acaccctaac cactcacact cactctccct 360
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 ccccggttca cccacactca tccccacacc ccactaatc ctcccccccc ccaaccctca 480
 cactcctac ctctctaccc tctctacca caactccaaa cccccacccc tccccattc 540
 caaactctcc ccccccatc accatatccc tctcaccctc tccccccaca cccctcacc 600
 tccccctccc cctaaccctt ccttcacctt aatcctccac ccccttcac cctcttcccc 660
 ctctactcc cctcacttcc cctcgctcca cctctccct ncnccacctt cncnnnnnac 720

gtcgntctct cccctcccc ctcccttctn gcgcnnnnna agccacntgg ctncncccc 780
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<210> 13007
 <211> 424
 <212> DNA
 <213> Aspergillus nidulans

<400> 13007

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 aagacacaca tacaaaacaa aaaaaaaaaa caaatacaaa caaacacaaa aaaaaaaaaa 180
 acaaaaacaa aaaaaaacaa aaaaacacaa caaacacaaa caaacaagag aggggaaaaa 240
 acaaacaaaa aaaataacaa ctacacaaaa aacaaaaaaa taaaaaaact taaataaaaa 300
 aacaaacaaa aaaacaaaca caaaaaccaa aaaagcaaaa aaaacaaaaa caccaaccaa 360
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 tgaa 424

<210> 13008
 <211> 461
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 13008

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 atgtggcggc cacaaagtca aagattgacc cccgccaaaa caccgtcacc acttgcatcc 180
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 tcctactgcc ttatagactg ccctttctag attaccctgt acgagagggt atctcgtaac 300
 tacccgccac aatgtcgacc acagtggaaa aggtatggac gttcttacca ccttcataag 360
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gtcttcaact tctattcggg gcgcatattg acatgctctt c 461

<210> 13009
<211> 564
<212> DNA
<213> Aspergillus nidulans

<400> 13009

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cagacctatg tgccggatgg caccgcctat ggggtgcaccg aacagggcgg tgcactaacg 180
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cgccgcagag catctactca gaacttgatg ctaggctctg ataactcagt ctgcaatgcc 360
ggagccaaag agcaattgaa acatggcttc actactccga gcgttacgaa atagcatcgg 420
gtcgaatgca tactccaagg attggagcct acaaactctgg agctaattat ctgttgagtg 480
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gccgatgtat tcaccactca cggt 564

<210> 13010
<211> 769
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 13010

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 ccttattcc aatatctcac tctatcccct ttttaagggt aaaggcttgt taatttcgg 720
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<210> 13011
 <211> 594
 <212> DNA
 <213> Aspergillus nidulans
 <400> 13011

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 acattctctg cctccccccc tcacctcttc ctcccacttc acctcacctt cctctctctt 540
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<210> 13012
 <211> 533
 <212> DNA
 <213> Aspergillus nidulans
 <400> 13012

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 gggggggggg gggggcgggg gggggggggg gggggggggg gggggggggg gggggggggg 180
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 gagggggaga ggaaacacgg gagggaggca tggagaaggg ggggagagga taaaggggga 480
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<210> 13013
 <211> 111
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13013

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<210> 13014
 <211> 632
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13014

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 tgtgggctga tagcgggtcc tccgtgggtg gcaccttttt tccttttggt tatgtgtttt 240
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<210> 13015
 <211> 537
 <212> DNA
 <213> Aspergillus nidulans

<400> 13015

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 ttccttcatt cccaccatc ctctccttct cttttccctc cattcctctt tctccatct 180
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<210> 13016
 <211> 929
 <212> DNA
 <213> Aspergillus nidulans

<400> 13016

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 caagctcgat gtcgggtaca ccgtcaccg gcttttcgtc accgaggagg agctagcagc 180
 cattgatggg cttttttcca tctgtgcttc tggcacgatg tttcttttat aagaccgatc 240
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 gcaacaagca ccacaagagc gccaaaggagc actacgattt ggcagggtcgg tgactggttt 480
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 gttacagcgg ggacacatta tgctcctggt tgaatgcacc cccccgtgga ctccctctag 840
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<210> 13017
 <211> 712
 <212> DNA
 <213> Aspergillus nidulans
 <400> 13017

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 ttaaattata tggcttctac tgtttcgcca acagctcaat ttcatatagt ttattataag 180
 taccctactt tatattttct aatgtatgta tttttaaatg gtttatacgg tgcgggtttt 240
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 ccatttattt tacatatttt ttggccttggg attggaaaag ggattttcaa tcctaaagat 360
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 aacgaattgg agctttgtta agggttttcg ttgataattg ccgatatttt tattctttac 660
 aatggttttc tgaaatttat ggcgacctt tggattatgt gttacgggga ta 712

<210> 13018
 <211> 836
 <212> DNA
 <213> Aspergillus nidulans
 <400> 13018

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cgcttttcgc cgagctgcgc catccgacta accagtgaga cgactcggct tcacttcaga 180
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<210> 13019
 <211> 403
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13019

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<210> 13020
 <211> 572
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13020

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<210> 13021
 <211> 495
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13021

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 agatgaaatg gctggtaagg gtgtgtggcg ctgctctctt ggaatgaagg attaaggtcc 180
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<210> 13022
 <211> 1061
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13022

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 ctgccgctgt ggtgcaagac agaagtggat cattgaagtc attgggctat gccttcacgc 420
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<210> 13023
 <211> 459
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13023

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 aggaaacaaa aaaggaaaga aaaagaaggg agaaagaaga gaaaaagaaa gaaagagagg 180
 aaaagagaag acaaaaaaaaa aaggggaaaa aagagagagg aaagaagaaa gaaaaaaaaag 240

agaaagaaaa gaaaagaaaa gaaaaaggaa gaaaaaaaga agaaaaggaa aaaaaggaaa 300
 aaaaaagaag gagaaaaaaa gaagaaaaaa agaaaggggg aaaaaagaaa aggagagaaa 360
 cagaaaaaaa gagaaaaaaa gagaaagaaa aaagaaaaaa gcggaaaagg agacaacagg 420
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<210> 13024
 <211> 434
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13024

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<210> 13025
 <211> 506
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13025

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 aagaaaaaaa agggaaaaaa aaaagaaaag gaaagaaaaa aaaagaaaga gaaaagaaaa 240
 gaaaaaaaaa aagaaaaaag aaggaaagaa agagaaaaag aaaaaaaga gaagaaaagc 300
 aaaaaaaaaa aaaaaaaaaa aaagagagaa aagaaagaga aaggaagaaa agagaaaaga 360
 aaaaaagaaa gaggaacag caagaaaaaa gagaaaggaa acgaagagaa gaaagacaaa 420

gaaggaaaaa ggagaagaaa aaaaagaaga agggaaaagg aaaaaggaga aaaaagaacg 480
agagagggga aaaggagaga agaaag 506

<210> 13026
<211> 503
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 13026

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tgagagggcn ntcctcttan ncatagccnn ngttcagaaa agcctnaatc tagcnngaga 180
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<210> 13027
<211> 370
<212> DNA
<213> Aspergillus nidulans

<400> 13027

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ctcgaggatt aggaaaacac aagctgcaac ataacgagaa agctgcttga gaactgacgg 180
gatgcaaaca taggcaaacc ctatgggtaa aacgtccgca aaaaaatagc aaaaaattat 240
cacacgagac gttaatgtac aatctcgaat ctcaacatgg taattgatcc acgattcctg 300
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gcctatcggt 370

<210> 13028
 <211> 656
 <212> DNA
 <213> Aspergillus nidulans

<400> 13028

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actggatctc aatcatcagc ctgacccatg taatctggca gtcgccgact tgcgggtcca 180
gcggttaatc agagtgtgta caggacgat tatccactca acgtgctgtg catagctttg 240
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tatgctctgg gtacttttaa agccttgatg gcgagcttgt ggttaatcgt gcaccaggtc 480
catcaatgca aagtcggcgg ccacctcgta gatatgtatg catcatcctc gcctagttgc 540
taagcccagg acaaaagttg accgctgaag gggccgaat tggattcacg gcgccggggc 600
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<210> 13029
 <211> 490
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all
 <400> 13029

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490

<210> 13030
<211> 476
<212> DNA
<213> Aspergillus nidulans

<400> 13030

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catcaaakat tattcgtgta tcgatcgact tttagttcaa gcgccgtctc ggtgtacggc 180
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tctctgaggt ctttgaggat gatggatgtg acatgcttat tatcgattac acgtggtcag 360
cgtcggaggt ggtacaatcc ccagggcaca tgataaaaac ctggcgggtat cgcatacata 420
tcagtgggat caagctgggtg cagctccgtg gagacgttct gattttctcaa agcatt 476

<210> 13031
<211> 711
<212> DNA
<213> Aspergillus nidulans

<400> 13031

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catcgaaat tagcttatac cgctgctgt gtacagctgg tcatctgact atgataagca 180
tgccttgagg aggtgtatc ggggtggcct taagcctttt gcccgggatt acattatagg 240
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ttttcttcc atactttaca tatttactaa ctctctttct ttatctattc tcttactttt 420
ttactttctt taatttttta tcttatatat tcattttcat tttttcttc acctcttct 480
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ttttttatat ttcttttcat attcttttta tttatttttt tctctttatc taatatttta 660
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<210> 13032
<211> 469
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 13032

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aaaaaaaaaa aaaaaaaaaa aaaagaaaag aaaaaaaaga agaaaataaa aaagaaaaaa 180
caaagaaaaa aaaaaaaaaa aaaagaaaaga aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 240
aaaaaaaaga aaaaaaaaaa aaaaaaaaaa aacagaaaaa aaaaaaaaaag aaaaaaaaaa 300
aaaaaaaaaa aaggaagaag aagagaaaaga agaaagaaac aaaggaagga acaaaaaaaaa 360
gaaaaaaaaag aaacgggaca aaaaaaaaaa agagaggaca acataaaaaa aaaaaaaaaa 420
aaaaaaagaaa aagaaaaaaa aaaaaaaaga acaagagaaa agaaaaaaa 469

<210> 13033
<211> 517
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 13033

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aaaaaaaaaa aacccccaaa aaaaaaaaaa aaaaaaaaaa aagaaaaaaa aacaaaaaca 180
aaaaaaaaaa aaaagaaaaa aaaaaaacga aacaaaaaaa aaaaaacaaa aaaaaaaaac 240
gaaaaagaaa aaaaaaaaaa aaaaacaaaa aaaaaaagaa aaaaaaaaaa aaaaaacaaa 300
aagtaaaaaa aaaacaaaac aaaagaaaaa aaaaaataaa cagaaaaaaa aaaaaaaaaa 360
gaaaaaaaca aagaaaaaac aaaaaaaaaa aacaaaagaa agaaaaagaa aaaacaccaa 420
ataaaaaaac gaaacaaaaa aaaataaaaa aaacaaaaaa aagaaaaaaa cgaaaaaaa 480

agaaagacaa aaaagaccaa aaacaaaaaa aaacaaa

517

<210> 13034
<211> 396
<212> DNA
<213> Aspergillus nidulans

<400> 13034

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aaaacaaaca aaaaaagaag agaaaaaaag aagagagaaa aaagaaaaaa gagaaaaaag 180
agaaaaccaa aaaagggaaa aaaacaaaga aaagaaaaag acagatcaaa aaaagaacaa 240
aagcaaaaaa gaaaagaaaa aggaaacaag aaacaaaaa aaaaaaaaaa aagaaaaaaa 300
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aacgaaaaaa aagaaaagag gagaaagaaa caaaag 396

<210> 13035
<211> 1121
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 13035

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cttggctctg gttatgtagc aacagggtgat atacatctgt ccgataatca gtgcattttt 180
gtggacttag gtataggga ggtaattcgt tttcgtgata caaattcgcc aaaggtaatt 240
gtttagtgc tgtaccataa ggcataatct cattaaagga ctttaagtgc acccattaaa 300
tgtaatcatg tattccattg tttttagtaa actaaagatt tggtgaaatg atgaaaccct 360
gccaaaattt gattaactct aagctatata taattttttt ttaggcaaaa tctcaatata 420
tggaagctct tagagtttaa ataaaatcta atcattgaac tttatataca tacccttttt 480
atctaaattg aatatggaac atctggcgct ttaggacttt ttcaatttta tacctctctt 540
ttaattcaat gtactttatt tactcacagt ttttttagt ttttgcaatt ttaagactta 600

tattatggac tttatctatt tgttaatctt taaaaatctt ctctttctgg cttttttcat 660
 ttttcgtaat aaatttatgt ttttaaacia atatacctta atttaatttt tggctctaaa 720
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<210> 13036
 <211> 1016
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13036

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 tggaacgtac aggatgagac gaaagagtgg acaacatgat tagaccgctt gacggaaatg 180
 taaaacttgg gctgaaatga tagggcctgg tggatgcatg tgtggtgaat gctatgttcc 240
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 attgttactt gattaatatt tattactaca atttttttat ttaaactttt tataatcatt 600
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 tataataata tttaaattcc tacacctatt aactacattt attttctcat tttcatatta 720
 ttatcaatct ttttcctcat tattatttct ttttcttaat gctgttttaa tctattattc 780
 ttaataatct caattttcac taacatataa ttatttcttc ttatattatt cttatatcca 840

taattatttta attatcacta atcttcttta tatatcttct taactaatta atatatgttt 900
 ttatctctct aattaatata ataattgtat gtaataatat gcttctactc ttacagttac 960
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<210> 13037
 <211> 990
 <212> DNA
 <213> Aspergillus nidulans

<400> 13037

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 aataccataa ttttaggtat ccgatttctt aaatcttaaa gtagataaga agtctttaaa 180
 tactgatttc taggcccttt caggcactac gcgggaagga agcttggtgc aattcatatc 240
 aatttctggt tgcgttggtt tagtgaagaa gttctgatat ctgtttttat cagtcattgt 300
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<210> 13038
 <211> 448
 <212> DNA
 <213> Aspergillus nidulans

<400> 13038

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<210> 13039

<211> 966

<212> DNA

<213> *Aspergillus nidulans*

<400> 13039

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<210> 13040
 <211> 481
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 13040

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 aaaaaaaaaa aaaaaaaaaa aaaaacaaaa aaaaaaaaaa acaaaacaaa acacataaaa 300
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<210> 13041
 <211> 941
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 13041

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<210> 13042
 <211> 566
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13042
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<210> 13043
 <211> 523
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 13043

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<210> 13044
<211> 1000
<212> DNA
<213> *Aspergillus nidulans*

<400> 13044

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<210> 13045
 <211> 525
 <212> DNA
 <213> Aspergillus nidulans
 <400> 13045

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 ttcttctttt cttcacctcc tccttccttt cctccccttt tcccctctct tttctcttct 180
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<210> 13046
 <211> 582
 <212> DNA
 <213> Aspergillus nidulans
 <400> 13046

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aaaagcttcc acgaagggat gtgcctggcg aaacaacatg atgtggatat ggtgcttctg 420
gcggtgatc ttttccatga gaacaagcct tcccggaat ccatgtacca agtgatgcgc 480
tcaatccgaa tgaactgtct cggtgataag ccttgtagc tacaactgct tagtgatgca 540
agcgaaaatt tccaaggtgc cttcaccatg tcaactataa ga 582

<210> 13047
<211> 537
<212> DNA
<213> Aspergillus nidulans

<400> 13047

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agtgccggac accatcgtgc tgtctgacgg ttcttcgccc gtgaccgtag ggagttgggt 180
gagatgagca ttgtcggcca tgatgacctg ctgcagatt aggtgatggg tattaggtcc 240
agtcaatcag atcgattcgt tctgaataaa ttgtttatgc gtggttaggg gagcgtggaa 300
gttaagagaa tgtttataat caggcgtgat tattatgtat agcgggtata acaggtgtaa 360
gggtatagca agagggtgctg atatgtacaa cagaacaatt aggtattaaa gaaaagaaga 420
gtggagaggg tgcagcctta cgcccataga aggacgacga gctcaagaga gatcaacgaa 480
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<210> 13048
<211> 487
<212> DNA
<213> Aspergillus nidulans

<400> 13048

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gagtaactca ggaacaaacg tgagactgag gggagaatag taatgccagt gttgttcct 180
gggagctgaa ccttgggaac gataattaat tagcggatgt tttggactct ccctctctgg 240
gtctccacag gccgccacta agtatctgaa gcatgacgca ctggccgact gcgcttctga 300
atctccaatc agccttaaca gcctgatgat tccagaaacc gttgaagaat attgaatatc 360

ggcgagtatt tcaatacacg aatagaatgg tttgagtaga tattttactc gggttgctaa 420
atcaatgtgt gggcggggta agcgatggga agaatcgcag ttatcgttgt atgaaatggg 480
cttgata 487

<210> 13049
<211> 285
<212> DNA
<213> Aspergillus nidulans

<400> 13049

cgggcgacga cccccggggg gagacgggaa cgaaaaaaga cgcggtcacc gggggcgccg 60
gagacgcacg gagaagggcc agcaggaccg ccggcggaac cagagcgcgga gggcctgcag 120
cggaagagga agaaaggagg agccgccgaa caaaagagac aaccgggcaa gccaaaacgc 180
gcgacgcca cgccaggcaa ccagcaagcc aggcgaaagg acaaaaaggc gaaagcccac 240
gagagcagcg ggcaagaggc ccagccaag caccgcccgc cgagg 285

<210> 13050
<211> 964
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 13050

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tagtgaaaaa ggaggaaaag agaagaaaaa aaaaaaagga agaaaaagga aaaaaaatg 180
agagaaagat aaaaaaaga aaggaaaagg aaagaaaaaa aaagagaaag aaaggaaaga 240
aaaaaaagaa aaaagggaaa aagaagagaa ggaagaagaa tagaagaaaa taaaaggaaa 300
aggaagaaaa aaggagaaaa aggggaaaga gaggggtgaa aaagggaaga aaaggaaaaa 360
agagaagaaa gggttaggaa agaaagagga aaaaagaaaa aaagaaatgg ggaaaagagg 420
ggaataagaa aaaataaaaa aggaaggaaa aaaggaaaaa aaaaaggaaa agagaagaat 480
aaaaaagaaa aaaaaaatg aaaaagaaat gaaagagaga agaaaaagag aggaaatgag 540
aaaaggggaa aaaaaaaaaa aaaaagaaa aaaaaggaga agagatatataa ggaaaaaaaa 600

aaaggaaaaa aaggaaaaag gagaaaaag attagaaaga ggggaaaaaa aagaaaagaa 660
 aaagagaaaa aaaaagggaa agaggagagg aaaaggaaaa aggaaaaata aaaaagaaa 720
 agaagggaga aatttaaaaa aaaggaaagg aggaaaaaag ggaaaaaaa aaaaaggaa 780
 gagagaggaa aagaaaaaaa gaagggaag gagggaaaaa atatagaaag aggaaaaagg 840
 ggaaagaaag gtaaagagaa aaaaaaaaaa aaaaaataaa gaaaaaaaag gaaaaataa 900
 aaaatagagg aaaaagaaag agagaaagaa aaaaaaaaag aaggaagaaa aaaaagaga 960
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<210> 13051
 <211> 464
 <212> DNA
 <213> Aspergillus nidulans

<400> 13051
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 cgtttcgcga gtcaggcaac gcgtcgtgct tgccgccgt atcaccgact ccaacatcgc 180
 gaaagagaag atcaccacag aggacaactg gctccggaat gctgctgaag acctcggtgt 240
 cgagtatgac agtgacgaat tcgaccaggc caagggatgg ggtcgcgggc gtggtcgtgg 300
 acggcaagaa cgtgaccgac aagtcggcag cacatccaag gctgagctgg ccggtcttcg 360
 tgccgagttg aaggaactcc tatcccagcg ggtgaacctc ggggtcagcg aacggtatct 420
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<210> 13052
 <211> 1044
 <212> DNA
 <213> Aspergillus nidulans

<400> 13052
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 atatctttct ttactgtttt tttatcttgt ttatttattt ttatatattt ttattaattt 180
 tttttttttt ttttatattt tatgatttta tttttttttt cttatgtatt ttttttttta 240

ttttattttt attatatattt ttttcttttt atatcttttt tatttttttt tattacttta 300
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 tttattactt ttacttttat tactgtatta tgtataattt ttcttatttt tgtaattctt 420
 atctttattt ttcttattca tcttatttgt ttaatatctt ctgttgatat ttatttggtt 480
 ttatatatta tttttttatt tctttttatt tgtttcttct ctatctttat cattttttat 540
 ttttttatct ttatatattt aattttattt ctttctttat tttaatatct ttattattta 600
 tctttttatt atttttttta tttttttatt ttttttattt tatttttcat ttttattaat 660
 tttctttgat ttttaatcta tttttatttt actctattca attttatatc tctatctttc 720
 tttctttcat tttttttata ttttatttat ttttatatct ttattttctt tctctctatc 780
 attttattga ttctcttact tttttactat tttttatatt ttcttttttt ttgtcatta 840
 atttatcttt ttattcggtta gttatttctt ttattttatc ttactctact tttatatcac 900
 ttttatataa ttttttatct tattttctat tttctttctt acttctttta tctatttttt 960
 catttttctt tccttccttt tctttaatat attctctttc ttttcctaag tctattttta 1020
 ttataacttta tcattacaca tacc 1044

<210> 13053
 <211> 869
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13053

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 ccgttaaagt tcaggcccca taatatctca gtatggctac tggagagcct cggcctgctt 120
 caagggtgag ggaattattc gatttcctgt tctcgccaag aacatgaaag caacgacagc 180
 acgacaaaaa tagaaattga gaggggcaga attctccgca ccgggaagac ccagagtatc 240
 gctgcttaga gactccagta cggcgtacta ctgtacactg ggtcccacgg ccgngaagag 300
 ccgcttgggc gggctggcaa ttagcatggc agtcatgctc attaagcagc cggctcggtg 360
 tttctacgtt acaaggagct tattcgata acactcctga aatggaatgg aatcccagct 420
 gcgttggtgaa ccggaaegct tcaattagcc gggttatgtc tttaagaaga aaatccaact 480
 gcaccgttcc tttgtagcg cttcgccggc gcgacggaag cctcccggaac tagggccaat 540

acccaacgcc tcttccccca ttgcttacct ttggactgtg acgcaccaac ctttattggc 600
 ctttattcag cgggaaaggt taccaccccg agtggactgt cctccggaaa cctgccaaca 660
 ggggtttaag cctcttagtc taagtcaaga accgactgcc cccttgacgt caccatttct 720
 tttaggctcc cacttcttaa attacccctt ggggttaccc ataaaatgtc attctcccct 780
 cacgtcccat tacaactcct ttttactct ctccttcaca cattctttac ctcttcccct 840
 ctcatTTTTCT ccccccttc tcctttacc 869

<210> 13054
 <211> 700
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13054

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 ttctgctgac ttctcgcaga atcaagaatc ctcttgacga cctgactgag gctcaggtgc 180
 tccgcgacgt cgaggagttt gccgcgaac atgacctgac cgatctcctt ccaaattctac 240
 gcaaaggggc cctgatcgct cgggattcgg agaattatag atctgtccct ggaatcacc 300
 ctgaggatat ccgtgctatc caggacgaaa ccgaccacaa atggcgctcag cctcgtgcac 360
 tctactttac catcattctc tgctccatag gagctgccgt tcagtaagtc catcctgcat 420
 ttccgcctag gtaagcaaag ctaacagtca acaggggctg gaccaaacgg ggagcaatgg 480
 tattaatcta ctttattatg atacgaacct ccctaacagg gtcccttagg ggctaacct 540
 agcatgccct ctgctctggg aatccccacg aaggataacc caaacgccac actgaaccag 600
 tggtcattg gcattatcaa tgcgtaagtg ccttaacaga tcgaaggacg gcgtacttgg 660
 cttacatttc aaagcggccc ttacattggt agcgctcttt 700

<210> 13055
 <211> 120
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13055

gaagcatcag aaaccacgag atgtcctcat gcaagagact cgcactctaa atgataacga 60

gtctcttcca ttaatgccaa tagctttagt gatcagcagg tgagtggcta cacgagtacg 120

<210> 13056
<211> 626
<212> DNA
<213> Aspergillus nidulans

<400> 13056

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aggagaggcc aagaatccgg atcaagatcc ctagagcgga gccaagctca taaccgtggg 180
ttatcgaagc cgctactcga gttgcacgaa ctatcgtggt tactagtatc gattttagcc 240
aggtgaccga agtttgcaac gaaacttgta tgcaggggct gtagtagagt tatatagtgt 300
gggtatggag gcctctacta ggtctgtgat caggcgggtca gagtccgtcc ttacgtgttc 360
atattccgca ctcatatttg gccgagcgct cattggttgc aggccaagca catattttga 420
agaacttgga cgatggtctt actatagact gaccaagtga aaaagtcaat tggaccttta 480
actctccgtc tgtattggct gaacatcaag gtctatgtcc cctgtgtaat tatttttccg 540
aacctgcacc gtacataacc ctttctaate ctttctcagt cattgatatt tgagatttat 600
ggtcggttga aacatggcga tcccct 626

<210> 13057
<211> 798
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 13057

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aaaaacccgg nggattaaan aaaaaanaat taaanataaa aaaaaaaagt aataaaagaa 180
gaaagaaaaa aaaaaaaaag cgaatattaa aaaaaaaaaa agggataaaa aaaaaaagca 240
aacataaaaa aaaataaaaa aaataaaata aataaaaagg aaaagaaaac aaaaaaaaaa 300
aaaaaaaaa aaaaaaaaaa aaaaaagata aaaaaaaaac aaaaaaaaaa aaaaaaaaaa 360

aaaggtaa at acaaatata ataaaaata agaaaaaaaa aaaaatata aaacaaagta 420
 agaaaaaaaa aaaaataata taaaaaata agagaaata aaaaagaaaa aaaaaaaaag 480
 aaaaaaaa gagcacaaaa ataaaaaaaa taaaaaaaa aaaaaagaa aaagaaata 540
 aataaattat aaaagtaaac aaaaaataa tacaacaaac agataaaca aaaaaaaaag 600
 aaatataaaa aaataaata aaagagaaag aaaaaagaa agaaaaaaaa tataagaaaa 660
 aaagaaaaaa aaaaataaaa tgaaaaaaaa aaatataaaa agtaaaaaaa aaaaaagaa 720
 aaaaaaatat aaaaaaaaa aaaaaaaaa tgataaaca taaaataaaa aaaaaataa 780
 aattaaaata caaataa 798

<210> 13058
 <211> 547
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13058

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 ctgagcacca ttcagggcct gacatggcg taccacaagg cgaatgtct catggccgag 120
 cacgtgaact cgatggctaa gaccggcagg ggagcaacc actggatggg atcttgcaaa 180
 atgggtcccg atgacggacg tgacggaggt tccagtgttg tcgacctaa tacgaagggtg 240
 tacggtatgg ataacctgtt tgtggctgat gctagtatct tccctggtat gatcagcacg 300
 aatccctcgg cttatatcac cgtcgttgcg gagcgagccg cggagaggat ccttgcatgtg 360
 caagggtaga cgacaggtta atcaggctgt ttgcaaagtt ggttgagttt ttgtctaata 420
 gagagtttgc tcggacgttc ctcttcaatc acagttcact ttccttcata aatggcccag 480
 gttggaggca cacatgcttt tgctcgacgt atgcaccatt acctaaataa ctgcgctaga 540
 ttgtctc 547

<210> 13059
 <211> 478
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13059

ccaactgcag ccaggagtg atgttgaaga tgaaatctcc cgtataaac caacagtggc 60

cccagagcaa caacaatagc agctacatct gcttgtatTT cagatatagc cttttcaccg 120
 ttaacaaccc atccagaatc gaggcctgga atcccaacag ccagctcttc cactaatctg 180
 agggcgTcca ggtaccgggt accggttaca ggcccctatg aaactcttgt atttccattg 240
 accccggcga acacttcttc gcagtcagaa tttccagctg cgagctcggt caatcatctg 300
 aaggttcaca gtctccagtc gctgccttca cgcacttttg aatatgatgt tttccatcga 360
 gccctgcaaa cccttatgcg ccgataccaa cgcgtgcggt caatcttctt gtagcccta 420
 ccgatccagg gcttcttgac ggactggcac tctcagcagc tgatctgaga gttttcgt 478

<210> 13060
 <211> 913
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 13060

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 ctggacttgt tgatgaagat tgtgacggaa cagagatcgg cggattgggc acccatgaga 180
 gctgaacctc gccgactgag ggaatattgc gggggccaaa catgaatttt tgggcttggt 240
 agcgctcctt gaaggagaca atgagagagt tttcgtcggt cgggttgggg gttatggatt 300
 catattcgct gacgccctga attcgttagt tagatttaca aatgttccca gtactcaggt 360
 tcagaagcat atgaaaaagg ggaaaggagt ggatgggaag ttctagacat acaatgagaa 420
 actgccagaa ccgcttattc tgctcagaat gcggtttaat gccagagcca gcaatgcggt 480
 tgggcgttga tgggctcagg cgctcccgg ctcggtgagg gtaccactt tccctgttag 540
 gaccgcggga gttggtctaa cctggcccgg atgggttccg ccatgcgagc ctttctacg 600
 tgaccatgcc gttcaaaaaa ggtgttgtaa taaggTTTT ttccttaaaa taatttctcc 660
 ttgttttggt tccctctctt gttggtcttg aatttctata ttcctttaa cttctttttt 720
 tgtttattta ctttctcca ctttttttat tcttcttat ctttacttat cttttttatt 780
 ttcttttttt ctcttttttt tttctttctt ttattattta ctctttattc tttcttcttt 840
 ttcttttttt ctttttanta tctattttta tttctctttt tttcattctc cttcctcttt 900
 ttcatattgt ata 913

<210> 13061
 <211> 304
 <212> DNA
 <213> Aspergillus nidulans

<400> 13061

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ctcaaacatg atgaattcgc ggccgcataa tacgactcac tatagggatc tctctttttc 60
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aggccctcca gatcccaaaa caattttcaa caaccgaatc gctcgcagat atagtagcaa 180
gggtacagag cccttcgcct taccgctctt caacgcagtc ccgaagcatt cacttcgacc 240
tacgccccgcg aagcccagtt cgacgacaag acctggacaa ttcgcgtctt gaatccacta 300
gcaa 304
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<210> 13062
 <211> 452
 <212> DNA
 <213> Aspergillus nidulans

<400> 13062

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gcagggggcc aatccatgct tgttttcagt ctacttacag tgtagegact actcatcgctg 180
ctacgtaacg cacttgatct atgggccttg caatatcttc tcgtgcctca gccgtttaaa 240
cacacaatcc ttgtgctgaa ggctgacaac ataaacatgc tgcacctggc actttaaata 300
atgctgatgc ttcttatgat gctgatacta cacaccttcc taaggagacg caccatgtgg 360
cttcttgac tgggcaatgg tagcaactac atgctacgca ggatacttga gctatcgctc 420
tgtataggga cttatgacac gcttgattag ac 452
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<210> 13063
 <211> 406
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 13063

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 aaatctcccc cgacatgagg tactgaccta tcaagacagg ggttgagcac gactgtcagc 180
 acattctgga tagcggcggt acagtcaatg tacatgcgga tactagatga cagagctat 240
 ggagcctncg tatagttgta tcgcgacccg tggatcatta cggcattatg gaggtcttca 300
 ccattggcat gcatctgagt gcccggctgc tgatggacgc tgctcatgag gcgtacgagg 360
 atctgctcca atgatgatac tggaacatgc gcggcctaca gctgac 406

<210> 13064
 <211> 516
 <212> DNA
 <213> Aspergillus nidulans

<400> 13064
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 ccgaaactta caagactttc cttcgtcggt gaagatactt gaatatgcgg atcggagtca 180
 tgccctgccc actatacaga gcgagttaat tggcgtttgg attggttcag ggcggaacta 240
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 gccaaacttt agacctttta ttttatgagc ccttgcctac tatatcaaga gagttaccga 360
 gcaattcagc atcttttctc ataatatcat ttgactgttt tcttctacta atgatcaact 420
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<210> 13065
 <211> 957
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 13065

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 aaaaaaccaa aaaaaaaaaac aaaaaccaa aacaaaaaaa gaaaaaaaaa caaaacaaac 180

aaaaaacaaa aaaaaaaaca aaaaaacaaa caaacaaaaa caaacaaaaa aaaaaacaaa 240
 aaaaaaaaca acccaaaaaa aaaagaaaaa acaaaaaaaa aaaaaaaaaa caaaaaagaa 300
 caaaacaaac caaaaacaaa aaaaaaaaaa agaaacaaaa aaaaaaaaaa aaaaaaaaaa 360
 acaacaaaaa aaaaaaaaaa aaaaaacaac aacaacaac caaaaacaaa aaaaaaaaaac 420
 aacacagaga aaaaaaaaaa aaaaaaaca aaaaaaaaaa aaacaaaaa aaagcaaaaa 480
 agaacaaaaa aaaaacaaaa aaaaaacaga accaacaaaa aacaaaaaaa aaaaaaaaaac 540
 ccccaaaaaa acaaaaaaca aaaaacaaca acaaaaaaaa aaaagaagaa aaaaaaaaaa 600
 caaaaaaaa gaaaaaaaca aaaaaacccc ccacaaaaa aaaaaaaaca aaaccaaaaa 660
 gaaaaaaa caaacaaaaa aaaaacacga cacaagaaa aaaaaaagaa gaaaaaaa 720
 aacaaaaaaa aacaacgaca aaaaaaaaaa aaaaaacaaa aacaacacaa acgaacaaaa 780
 cacaacaaa accacacaac acaaaaaaaa acaaacaaa aacaaaacaa aaaaaaaaaac 840
 aaaaaacaac aagaaaaaaa aaaaaaaaaa aaaaacaaa caaaaaaaa caaaaaaaca 900
 aacaaaggca aaacaacaaa aaacgaaaa caaaaaccaa aaaaaaaaaa aaaaaa 957

<210> 13066
 <211> 502
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13066

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 agccctgccc ggattagtag gggatctttg acgaagaagt cttgcttacc ttcaccctcg 180
 ctgccgggccc tccatatcca aggttcttgc ctcgggatac cgtccagagt ggaattttgt 240
 gtttgttgca gatcttcagg atagcctgga tgtgctcaac agtgaccggg aataatgtgg 300
 cagagcttcc acgcttctcc tgctcatcgc tctgctctgc gtacggatct atatagcgca 360
 cgggntgctc gtggccgcac aggactccct cgtcgccaag gatggatcgg aactgctgca 420
 gcacgtcggc ccaggtcggc gcgtcgagcc cggcgggaga atattgactg ttggtgactt 480
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<210> 13067
 <211> 799
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13067

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aaaaaaaaa aaaaaaaa aaaaaanaa aaaaaaaa aaaaaaaa aaaaaaaa 240
aaataaaaaa aaaaaaaa aaaaaaaa aaaagaaaa aaaaaaaa tnaaaaaaat 300
aaaaaaaaat aaaaaaaa aaaaaaaa ttaaaaaaa aaaaaaaa aaaaaaaa 360
tataaaaaan taaaaaaa aaaaaaaaan ttaaaaaaag aaataaaaa aaaaaaaa 420
naaaaaaaa aaaaaaaa aaaaaaaa taaaaaaa taaaaaaat aaaattaaaa 480
taaaaaaaa ataaaaaaa aaaaaataa aaaaaataa aaagaaaaa ataaaaataa 540
aaaaaaaaa aaaaaanaa taaaaaaaag aaaagaaaa gaaaaaaga aagaaaaagg 600
aagaaaaaaa aaaaaaggta agaagaaga aaataaaggg aagaaaaaaa aaagagagaa 660
aaaaaaaaat aaaagaaaag aagggaaaaa agaaaaagga gaagaaaaa gaaaaaaa 720
gagaaagaaa aaaagaaaga taaaagaaaa aaagagaaga aaaaaaagaa aagaaatgag 780
gagaaaaaaa aaaaaaaa 799

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<210> 13068
 <211> 496
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13068

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aatatctctt atccgattgc ggtgttcctc acgctgagtt ctagccaatt ggcaaatgaa 180
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acccatatgg accgtactcc actggcatgc atttcctaga ccacgtatcc tgtccccctt 300

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tttgacgccg ggttactggt gcctggtctt ttgacaggtc aatccgcgaa atttctgact 360
gcagcattgc cacaccaaag ccgggaggag ccgagtgtga tgggtgcggt tcgtcagtgg 420
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<210> 13069
<211> 948
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 13069

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aaaaaataaa aaaaaaaaaa aaaaaataaa aaataaaaaa aaaaaaaaaat aaataaaaaa 240
aaaaaaaaat aaaaaaaaaa aaaaaaaaaa aaataaaaaa aaaaaaaaaa aaaaaatata 300
aaaaaaaaaa aaaaaaaaaat tatataaatn aaaaaataa aataaaaaat aaataaaaaa 360
aaaaaaaaaa ataaaaaaat aaaaaaaaaa atatgaaaaa ataaataatt aaaaaaaaaa 420
tataaaataa aaaaaataaa aataatanaa aaaaagaaaa aaaaatataa taaaaaaaaa 480
aaaataaaaa aaataaaaaa aaaaaaaaaa atataataaa aaaataaana aaaaaaataa 540
aaaaaaatat ataaaaaaa aaaaaaaaaa aaantataat aataaaaaaa taaaaaaaaa 600
aaaaaattaa aataagataa taaaaaaaaat aaaataaatn aaaaaaana ataaaaaaa 660
aaaaataaaa aaaaaataaa attaataaaa aaaaaataa aaaaaaaaaa aaaaataaaa 720
aaaaataaat aaaaaataaa ataaaaaaa aaaaaataa aaataaaaaa aaattaaaaa 780
aaaaaattga aaaaaaaaga gaagagaaaa ataataaaa gaatagaaag aaaaaaaaga 840
gaaaaaaaaa aagaagaaaa aagaagaaga aaaaaagta tagaaaaaaaa aaataaataa 900
aaaaaagggt gtaaaaagaa aataaaaaag taaaaaaaaa aaaagaaa 948

<210> 13070
<211> 885
<212> DNA

<213> Aspergillus nidulans

<400> 13070

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ccccgccccg acccccccc cccgcccacc cacacgcact ccaccccca ccccccccc 300
acgaccccc ccccccccc gcccacgcc cccccacc ccaccccca cccccacca 360
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cccccccc acaccaacac ataccccc ccaacctcac accacacccc ccaccacccc 600
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accacacccc cagcccacc cccacagaca ccccccccc ccctacacac ccacccacc 720
ccgcacacac caactccacc cccgaccac caccaccaac caccgcccac caccatcac 780
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<210> 13071

<211> 561

<212> DNA

<213> Aspergillus nidulans

<400> 13071

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cgggatcgat gtggaaggty tgatggagaa tgaggacta ggtatggaag gaggcattgg 180
tgagggcagc ggagaccggc cgcgctcgga gatttcggty cttgaagatt ccgcgccagg 240
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tggcctgttc gttggcgggt gcaaggccat ggttgcgcg cgttttagt ttaatcggaa 420
 agggagaacc ggaatgaacg gttcgcttac cagacggttt tttggggcgt ccattcggaa 480
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 accgtaaggc gaggtttttt t 561

<210> 13072
 <211> 747
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13072

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 gcttcaagac cattatccgt tctgctctgc agcgtcgtta atatattagt gtcttgccctt 180
 gctgttgtca ggtatattcg accatatatt aattacatgt agtgaaagac tccgagtctg 240
 tagaccgcct ctccatcggc ttgagccgtc ggccccgtct gcctctggcc attcatgtct 300
 ctgatgacga gtcttcgtgg taaggattgt tcttggttac gaagtcgtcc ccctcgaaat 360
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 tatgtaatca cgaatgcttg attcgactga acggccttca gagaccacag agaccacaga 480
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 atttttatta tcataattgc atatttgcatt taagtgaac acggggggcc gggctcaggg 660
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<210> 13073
 <211> 418
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13073

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actagaggaa taatagaatg cagggctgga gccggggatg ccgatgctaa aacgcgcatg 180
gcacgagtaa cgtactatgt aggctcatat gagtctaga agccatcatt taaaatgccg 240
ccatgattta agacgatcaa gcttgacacg ctaaattgta acccagtgtc tcaccatattg 300
acacggccaa taccatgcca taaaataaga catgagtggg accgaagagg ctatacagcc 360
tatggcatcg tggcagttct tacaccgcgc aaagaatgat gagcactgca gcttgacc 418

<210> 13074
<211> 914
<212> DNA
<213> *Aspergillus nidulans*

<400> 13074

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tggagaaata ataggaaatg gattaagata tactagaagg atgaatgaag aaaagagaaa 180
gtgataaaga gagaaaatga gtgaggaaga attataaggt atggaaataa gattacggag 240
gaatacagat aaggagagaga gtgtatatgg gataaaggtt agggagaaga aaggagtaat 300
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gttagggat atgaacaaga gtaaaattca aaaaacctag agcgaccata agagtgcata 420
cggaaactat aaaaaactgg gtcttgtgga gatccgaccg ggtatcccaa taaagggcgt 480
gggtgtttta ctagaatgga ccaaaacaac ccccggtg tttattgacc gcggccacaa 540
tggttaagtac tccatcattc gtttgccttg tttcttctga cattcgaaaa acattccctg 600
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cgggcatggt ggtctggacg ggggaagagaa atgcatgctg ctggcaagtt agatgatgaa 720
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<210> 13075
<211> 155
<212> DNA

<213> Aspergillus nidulans

<400> 13075

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caactgggtat gagtctgatt gccagctcag gtcgc 155

<210> 13076

<211> 813

<212> DNA

<213> Aspergillus nidulans

<400> 13076

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tgtcaaagcg acacttcctt tgtcacctgc tgaagaggat gtcactttgc tctgctgggc 180
cctgtccaag cagacaagct cccttaaaga agaagtgatt gaagtccttg tctgctggcg 240
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tcaatcgctc atatctcaaa gcacgccccct ccagctagcc atcttgagcg ctctgtaaaaa 360
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cccgttttcc ctgcgcgcgt ccattggaga tgctaagatt gtccgtcagt tagttaaagc 480
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<210> 13077

<211> 701

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 13077

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tcatcaatct attctatcct ctatcaaatt ttcaatgggt tgttcccatt gcccatactt 540
atctttctct acttactaaa ttccataatc gccnnnaacc cgtccttaat gttatccatt 600
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tactaagttc ctcattaaaa ggaccataat cctctatgcc t 701

<210> 13078
<211> 114
<212> DNA
<213> Aspergillus nidulans

<400> 13078

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<210> 13079
<211> 815
<212> DNA
<213> Aspergillus nidulans

<400> 13079

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tactgccctg aattttcggg gagttgtata ccactgagac ctaataataa taatcagttg 180
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agcaaagctc gtttctctc tcctactttg aataatctgt taatgggttag aatcccttta 300

tatttccct tttctgcttg tcatcccgtc ttcttcagag ttcccttgat cctctgcact 360
gtccttctct cctcccttac ctgcgagaat attctgccta ccgcatacac tttccccaac 420
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<210> 13080
<211> 1474
<212> DNA
<213> *Aspergillus nidulans*

<400> 13080

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cacgcaaccg gaccaaacc ctagttgcaa tataatgccc gccctgggcc cccaccacac 780
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<210> 13081
 <211> 966
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13081

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 gatcagggtc accaagtgtt cgaccggatt ccagtagcca ttaatcttga agccagatat 180
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catgtacact cactggacat agaagttatc tttgcatgta tttctaactc gtattttatt 780
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<210> 13082
 <211> 885
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 13082

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 ttctttttaca gaacagaaat tgcccaaatt atcttctaca acgctaaaat ggacgcttca 180
 gagaatcaag cgcaagcgca acaacaaagt gaatactttc ctttctcag agctgccatc 240
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 ccgtacacgg caaaaatgga agatgtgcan gaattgttca cgagggtggg tttgaaggga 600
 atgttttgga atccattatt tgcttggttc ggattttcgt accaaagagg gggatgggtg 660
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<210> 13083
 <211> 782
 <212> DNA

<213> Aspergillus nidulans

<400> 13083

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aactaaaaaa acgaagagaa aaatagaata agggagaaat agaaagaaag aaagggaaaa 660
aaaatgacaa aagagagaag aataacaaag aaaagaagca gaaagaaaaa tacacaaaga 720
aacaaaaacg aaaaaaggaa gaaatagtgg acaaagggaa ataaaaacat aacagtaaag 780
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<210> 13084

<211> 112

<212> DNA

<213> Aspergillus nidulans

<400> 13084

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cttcactttt ccaacaggat ctgccatttt ccagccactt gagacccagg gc 112

<210> 13085

<211> 127

<212> DNA

<213> Aspergillus nidulans

<400> 13085

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aggcaac 127

<210> 13086
<211> 283
<212> DNA
<213> *Aspergillus nidulans*

<400> 13086
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accttacggg tgggtattcc agggcccat ttttaccga gccgggaacc cgtttgcccg 180
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<210> 13087
<211> 284
<212> DNA
<213> *Aspergillus nidulans*

<400> 13087
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ggatcaatac tactcgaagg agtagctatg gcattcgctt gaatcagga gataactgat 180
ggctgcgaag acccagagtg catgggatga ttagaggac tgtctttcga cggcggttcta 240
gcattgccagg tagaatgcat gcttatcaca aaatttgaga atag 284

<210> 13088
<211> 461
<212> DNA
<213> *Aspergillus nidulans*

<400> 13088
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gaacgcacgc acgtcgtcat agaacacttc gtccacacca ggcttgcacc tcgtgctgaa 240
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<210> 13089
<211> 531
<212> DNA
<213> *Aspergillus nidulans*

<400> 13089
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tgattgaatg aactgtattc caagagtaat aaatgaaaac aacgcaacgc atcgagcata 120
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caccctaata cgctgaatgt gcacaaactc tcagggtgc ctttcatgca ccagttctgc 420
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<211> 490
<212> DNA
<213> *Aspergillus nidulans*

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<210> 13091
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<212> DNA
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<400> 13091

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gatactgctc gaagctggca gaaatcatcg aacaaaggcc tcgtcagtat cgctgtttt 180
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tcctttgtgt cccgacacca acttacttcc tggccacaac tacgatgctc ggaagggtag 600
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<210> 13092
<211> 495
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 13092

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agccaaggag gncagccctg aaaacacgaa ccaagcccag cgagtcccat tacaacgaca 180
gcaaagacag cccgaggcag gggtaaaaaa aaaaacaaag ggaaaccaca caaggccaac 240

aagcaggggg caggaaaaga agaccgggaa cacgaacccg ccgacaagag ggcaccaaaa 300
gcacacaagg ggagaggcaa aacaacacga cggcaggag aacacagaaa caaaaaacca 360
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aaaccaccaa aaaaa 495

<210> 13093
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<212> DNA
<213> *Aspergillus nidulans*
<400> 13093

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<210> 13094
<211> 229
<212> DNA
<213> *Aspergillus nidulans*
<400> 13094

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tggtggtagt ttcccctacg gggctattct cgtcgggcgc cgtacatgaa tccggtcagc 180
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<210> 13095
 <211> 674
 <212> DNA
 <213> Aspergillus nidulans

<400> 13095

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<210> 13096
 <211> 1009
 <212> DNA
 <213> Aspergillus nidulans

<400> 13096

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gtttccggga tccgggctaa gagaacaccg ctgccaccag agccactcag ccagagaccg 480
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 <211> 1011
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 13098
<211> 844
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 13098

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cgcatcgggt aaacccccga aaccagggg gcaatttttt ttttaaacc cccttttaat 780
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<210> 13099
<211> 569
<212> DNA
<213> *Aspergillus nidulans*

<400> 13099

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<210> 13100

<211> 850

<212> DNA

<213> *Aspergillus nidulans*

<400> 13100

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<210> 13101
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13101

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<210> 13102

<211> 179
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 <213> Aspergillus nidulans

<400> 13102

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<210> 13103
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 <212> DNA
 <213> Aspergillus nidulans

<400> 13103

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<210> 13104
 <211> 665
 <212> DNA
 <213> Aspergillus nidulans

<400> 13104

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 <223> unsure at all n locations
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<211> 109
<212> DNA
<213> *Aspergillus nidulans*

<400> 13107

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<210> 13108
<211> 299
<212> DNA
<213> *Aspergillus nidulans*

<400> 13108

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<210> 13109
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<212> DNA
<213> *Aspergillus nidulans*

<400> 13109

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 <211> 851
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13110

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 gttacccttg tttttgagcg ccgtgccacc tttcttcttg gatttttgga acgaactggc 420
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 aatctgggccc tcttgtccga gggcccagcc tgccttctat aaaaagggtta cctgtcttaa 600
 ccaaggtggt caggcttacg gttggaacat atttgcgca tttttttttt tgccgttcaa 660
 tgttccctcc aggttgctta ccaactggtt cggggaaata tttgcttgga accaccgggc 720
 cccatggaag gcctgcaatt ggtggccggg ggtccccag gatattttac actttatccg 780
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ttttcccccc c

851

<210> 13111
<211> 822
<212> DNA
<213> Aspergillus nidulans

<400> 13111

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catgcgcatg ggaaatcgta gggccaatgc gcactattcg gtcgctacag atcggcagct 180
gagcatgtgg agactgtggt atgtcgtagg catatggcta tcgtagacct cggctatatg 240
caagataggc acccgatggc ctaagccatt cgctttggcc gaaacctccc agtccggcag 300
gatggtaatt gggaatgatg aaccagaccc tatccacagg gcgtttggaa aggccgaatt 360
cttgaagtga gagagcagcg ggctaaagct ggcgaagaaa gctgaacaga cgacttgctg 420
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aaccgctcgg gagagatctc tttgggggtac aaatgcttgg acatcatagg caggtagtgc 540
gtaaaacaca ttctgcaccg gttggggggt tccagcctgg ctttgcagtt attttcattt 600
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acagacagcc cgatatcaca taggaatgag cgtgaaaacc gaacctaacg atcctatttt 720
ggttggagat tggagggaaa caaaggtctt gtttcgacca aaggcgcagtg gcctgattca 780
gcgtgcattc aatttccctt ctttggagag aggggccttt tt 822

<210> 13112
<211> 154
<212> DNA
<213> Aspergillus nidulans

<400> 13112

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gtacttccgg gaaattgctg accattgcgg ctgacgcttg gttattaata ggcacatggt 120
agctattgag tcgaaacacc tgtgtccatc cttc 154

<210> 13113
 <211> 447
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13113

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cggcgtttga gggaaactgt ccagtcctca ttagcctttg aagagtatcg cgggctgctc 180
attgccaggg tagagagctc tggaccagaa gggcaactat tcatgctcgc tgggcaaaat 240
ttgagagcat tctgtccggc gaaacgaatc cactgatttg atatcccgcg acggtctcgc 300
agagcaggtc ttatcgaacc acatcacgcg cacctagttg cagcctaaaa cctctctcga 360
gaaccgcgca atgaggacca ttgagataag tgatggcgct gggggtatga cgctccgcag 420
cctcgagtcc tttgcgtcag acgagct 447

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<210> 13114
 <211> 391
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13114

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tggtgctgat tattgcttgc tcgcagagaa tcacagatgt taatgctgat ggcgaggacg 180
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gtacaggata actggagaga atgtctagca ggaagccac aagtatccga catggaaggc 300
accttattcc attgcatatg ttccacaacg cgctgtgcta cccctatatc aggagcaagg 360
gcgtgccttc tcctcactcc taaattggcc t 391

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<210> 13115
 <211> 388
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13115

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 acaaacctgc gcgacaaacc atacatgacg acggacccaa atgagacagc tacgatgaaa 240
 gcgggagccc gctgtcaacc acacgcacga tgacgcctga ctacgttcag accaagaagc 300
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<210> 13116
 <211> 186
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13116

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 gggcggttcg gctcgacacg aaaggcctgt tggttcgtgg cctaccgaat cataatgggg 120
 atgacggtcc ctcaaggttc aaaaatccca agcaagcaag accgactagc gtggaacctc 180
 ccccaa 186

<210> 13117
 <211> 1374
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13117

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 aaaaaaaatc aaaaaaatac aacaacaaaa aaaaagggtga gtagaccaca aaactataaa 120
 aaaaacaggg ggaaaaaaaa aaaaaaataa ataaaataaa aaataaaaaac aactttttta 180
 aacaaaaaaaa aaacaacaaa ccacacgtgg gggaaaaaaaa aaaaaaaaaa aggggggaaaa 240
 aaaaaaaaaa aaaaaataaa aaaaaaaaaa caaaaaaaca acaaacaaaa aaaaacaaaa 300
 aaacaaaaaa aaaaaaaaca aaaaaaaaaa aaaaaaaaat aaaaaaaaaa aaaaaaaaat 360
 aaaaactaaa caaaaaaaaa aaaaaaaaaa aaaaacccaa aaaaaacaaa acaaaaaaaaa 420
 aaaaaaaaaa caaaaaataa catataaaaa aatcagatag aaaacaacca aaaaccaaaa 480
 aaaaaaaaaa aaaaacaaga gaaaaacaaa caaaaaaaaa tggaacaaaa aaacaacaga 540

actaaaaata aaacataaaa taaaaggaga aataacaaac ataattaaaa tctctaacaa 600
aacaacaaag agcacaatgac ataacaaaga ataaaatata aaaacactac aaaaaaccaa 660
aaaaaaatag attacaaaaa aaaataaaaa caaaaaaatc aagaaaaata ctaaaaacac 720
attaccagaa taaaaaaaag atagcaaaca caaaaataaa acaaatgtaa caaaaaaaca 780
taataaaaaa caaatacaaa aaaacaaaaa aaatacaaaa aaacaatata acaataaaca 840
aaaaaaaata taataatata aaaaattaac taataaaaat aaaacaagta atacaaataa 900
ataacacaac tcaaaaaaaaa aacaaaacaa aatacaaaact aacaaaacaa acaaaaaaaaa 960
aaaaaacaca aaacaaataa aaaaaatgaa taaaaaaata aacataaaaaa taaataaacac 1020
aaaaaaaaat attaacaaaa aacaaaccaa atacatataa caaaaaaaca aaaaatacaa 1080
aaaaaaaaaaa cacaaaataa taaaaaataa aaaaactaca accaaatgaa aaacaaaaaat 1140
cgaaaaaaaa aaaaaaaaaat aatacaaaaa acaataaaaa agaaaaaaaaat aaaaaaaaaa 1200
aaaaacataa aaacataaaa aagaaaaaca aaataaaata tagataaaaaa taaaaaaact 1260
aaaacatata aacaaaataa aacataaaaa tcaaaataat aacaaaacac aaaaaaaaaa 1320
tataaaaaaa cacaaaacaa caagcaaac aaaaaataaa taaaaataac aata 1374

<210> 13118
<211> 542
<212> DNA
<213> Aspergillus nidulans
<400> 13118

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caaggggaac agttaactgc ataagcagag gggggatatg aacatgaacg gccgataacc 180
tcgtaactct ctaatgttag acctatatac actgaccgag acatcaagac acgagctgaa 240
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gtgattctac gacaggccgt tacacctga ggcggagggg gaggcctggc cgggggctct 360
agggatgaca agactaacca acatgaacta gacctgacga gctgctagat aaaaacaact 420
ctcgcgaaaa cagacctctg agaaacatta actgctgaca cctaacaggg gactgagctc 480
cgcagcactg ggtgttgcac acgaagcact cagattcac agcgactgct cgaacctgag 540

ct

542

<210> 13119
<211> 103
<212> DNA
<213> *Aspergillus nidulans*

<400> 13119

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aaataaaaaa aaaaaaaaaag cagattataa caaagtaatt aaa 103

<210> 13120
<211> 551
<212> DNA
<213> *Aspergillus nidulans*

<400> 13120

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ggtgacggct cttgccagat cagtatcacc tcggatcggtg ctctaccaa ggacacacaa 120

tggagtgtca taaagtcaat tgaagcaggg tgcattggatc ccaacgaggc taataactaac 180

caggggtggtg acgcagggat gaacaatggg ttcaggccca gtttcgtcat ccccgaggac 240

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gttgccgctg tcgagaaacg cgctcaaagt taccctccta tgttcattgc caacatcaac 420

ggctgcaaga cagagcagaa catgtctcct cgatacccca accctggctc catgggtgag 480

acactcaatg aagcgcacct catccccgat gccacaatg tttgctacga aggttccccg 540

ccgggggggtt a 551

<210> 13121
<211> 542
<212> DNA
<213> *Aspergillus nidulans*

<400> 13121

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ggaggattgt ctgtcaggct ttgttaccgg tgtgcgcgag tgagggttga cgaatggcgc 120

acgggggaccc acgtgctctg cggagagacg cgtgctaggt cggccggagg tggcggttcc 180
 aggcggggggc tgattgtcgg gtccgtcctt caagtgaagg agggcgagag acaacgctgg 240
 atcaagcaga cacactgttc gagccattcc agctcatagc cactataagc gactgttcac 300
 tcttggtcga gtctgtcatt gtggtgagac ttgcaactcc actgttcaaa agcccacagg 360
 taactggccg aatgcgtaat aaagcggatg ctcccaggcc aatagaggag ctccattcca 420
 catgattgag aggtgagttc atgtaatggc tcaaatgttc cagctggaat gtggagatag 480
 caaccaacac tgttcgagga ccacagcagc gcctgaggaa gatgggggtac agatgccaaa 540
 cg 542

<210> 13122
 <211> 844
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13122

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 ttctcctttc ccttctcatt atcacctgat gactctccag tcttagccat gactttctcc 180
 gcattgctgt ctccagacaa tgacggttcc agacctgctg ctgactttct ccgttcctgc 240
 tctcccagct ctttgccaaa ctctctgacg ggcgacttcg gcgtctgacg ctgaccttgg 300
 gtctgaacac cagcagaata tgctggctct tcgtctctat ctccatctcc aactgggtgct 360
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 cctccggtgt caggccggat cgtgtgatcc acccgctggg ctgctgtgtc tctgagacgg 480
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 ccgggcgact atccaagtgg ctgcccttgg ctggggtaac acatttttcc attgcggtaa 720
 attttcttga aaagtaacct ttagccccc ccccttaata aaacctggtt tggcgctggc 780
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<210> 13123
 <211> 677
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13123

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cgttatcccc gagttagttt ttttccatct agttttctta cttcttcctt tattcttctt 180
ttcctccttt ttcctccttt ttcttctttc attcttttta ttccttactc cacttcctat 240
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attcccttct ttattctttc tctccctctc cttatttttc ctaaacctta attcctaaaa 660
aacttctttt tattttc 677
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<210> 13124
 <211> 571
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 13124

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gtatgagagc ccgctggcgc cccccggggg gggccagcaa aagaagcagg gggctcccaa 120
acacacccca aacaacctgt ataccaccac ctccccccac accccacctc ccccaacgcac 180
actcaccaac ccaaaggccc ccaccaccaa ccgacgaata gcgggccccca caccaggaca 240
cggcaagtct ctcacacccc acccgagaat ccaacaaccg gaccctctaa ccaccaacaa 300
aaagctctga aagggccagc cctctgcaac acacccaaac ccgactcca caacccctgt 360
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taccaaagcc ccaccggccc cctaaccccc ccctacctac accccggccac ctctgcaaca 420
gacaaccccc ccccatcacc accttctccc ttaccaaac ccctaccaaa ccccaagttc 480
tccccctaac ctcaatcaaa gcccatctca tacccttccc accctcccnt tggacccagg 540
aaccaacgaa tcttaaccct cctccccctc c 571

<210> 13125
<211> 1619
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 13125

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tgatagtgc gtaactatgg gtgaagtcga tgaaccagga cacaccttcc taacatttta 180
attcaccctt gttaccagca ccaaggggga cgatgatctg cacatctccg tctggaagaa 240
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cggggctccc atcagcaggc ttgaaggtaa cgctcgctccg ctcaggcaca acagttcccg 360
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caatgttgta ggtgcgacca ggtgaggaag gaagagtga tgtttgggnn ttnttttttt 900
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 tctctcatatc taagacgtat tgcgattatt attgtttggg actgtgctct catgatcata 1560
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<210> 13126
 <211> 1298
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13126

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 actaccgcg gtagaaaata cgtgaaacta gaacgcaggg ctccggtgct gagcttgagc 180
 tcaggatgga cttgaccagt tctaccgcag gagccaacgc cttgaactgc gaggcacag 240
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 gtagaggtgg acatatttga gaacgtgctt ggaagaggcg aagagccatg cacagataat 360
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 tataatacga actacaaggc atcagagtat gcaacattat actataacc aaattcaata 600
 tcaagtccaa ttgcatgct gccgcattat cgcattatcc attatccaag aacaggcata 660
 aaatccgacc tactcgcca tactggacgc aggctatctg cacaagaaaa gatctgcgcg 720
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 aaaatacaga tagggttcaa tgaagccttt ggggcagaag gagcgacctc ttattttgag 840

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 cccgtttatg ttctcgcatt tcccttcacc aggaatatta tgggtgtcatc ttctgggtgta 1200
 tatacatcat aaccattttt tcttctatta caatttcctt ggtgggctat tcaacatctt 1260
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<210> 13127
 <211> 786
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13127

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 cccccccac caacccccac cccccaccc cccccaccc caccacacac cccccaccc 180
 cccaccccc cgcaccccc cccaccccc cccaccacc caccacccac cccaaccca 240
 cccacccac ccacaccccc cccccccca cccaccccc ccacacccac ccccccccc 300
 ccccccccc ccccccccc ccccccccc cccccccca cccaccccc cccaaccccc 360
 cccccccacc cccccccacc cccccacac cccctgcccc cccaccccc ccaccccccc 420
 acaccaacc ccaccccccc cccccccac ccaccccccc ccccaccac gccacaccc 480
 aacccccacc caacaccccc cccccaccc cccctttccc accaccccc acccccccca 540
 caccaccacc cacacagcac cctccccca ccccccccc cgtcacccc ccgccacacc 600
 caccaccca cccccccac cccctcacc cccaccccc ccatcccctc cccccaccac 660
 acacccacc cctcccccc caccaccccc accccccccc aacaccccc ccagcccctc 720
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 ccccc 786

<210> 13128
 <211> 791
 <212> DNA
 <213> Aspergillus nidulans

<400> 13128

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cgttaggtgc ctgcctttc agaagggggc tatttcgact gcctatcttc tcaacctagc  720
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<210> 13129
 <211> 584
 <212> DNA
 <213> Aspergillus nidulans

<400> 13129

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acggcactgg gattacagac tggacgcaga cactagtgca agctagctgc gtgacaagcg  180
aacaatggct caccagtcac ccaaaggaga atcaattgca cagcattaac gactgcagag  240
caaagctcat gatagccata tacatacagt catgatatga ctgagcacta tggggggaac  300
aatgagtgat ccaccaaagc actattgaag caatagacat ggagtatcga tgctgaaatc  360

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atgcatgctg agcctaacct cactgattag agacaacctt gcagatattg atcctcatca 420
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caagggcggc gtctatctca ttagacttgt ggctgttagg atcgtatcct actaagcggg 540
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<210> 13130
<211> 429
<212> DNA
<213> Aspergillus nidulans

<400> 13130

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catatacaga gagctcttcg ttagaggagc aaacctcggc agacttacta caatgatgga 360
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cgagcaatc 429

<210> 13131
<211> 537
<212> DNA
<213> Aspergillus nidulans

<400> 13131

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tctttcttat ttttcctttt ctttttttta tatttatatt ttcttttact tattattcac 480
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<210> 13132
 <211> 860
 <212> DNA
 <213> Aspergillus nidulans

<400> 13132
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 cgtgattgca gccatccatc ctgcgagaaa ccacctcgcg gccggcttcc tctcttattt 180
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 ttccagtggg gtctggcgcg gttttggacc cgggctcggt atacaggta acgggcgggt 420
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 gctgccggag gaccaattg acaacatcct ccacgtcggt aagtgccgca gggaaaggat 600
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 atcacatcgc attgctattt 860

<210> 13133
 <211> 626
 <212> DNA
 <213> Aspergillus nidulans

<400> 13133
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 aaatggagtt cagacaagcg tcattagtta ccggtaaagt cacgtgtgat aggagaatcc 540
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 cacaaatttt accaaataaa ttcaac 626

<210> 13134
 <211> 947
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13134

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 catttcacca ttttatttta atttttatta tataagattg gatccttggt catatggcaa 300
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 cgtttactaa catttaattc cttcaacttt cttcttttag ttatctatcc tactaattat 420
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taatttattt cttttatatt ctatctccat ctcatatact ttaaatctat tctcttctat 840
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 ataacatatt tgctcttate tattttcatt actatctaata tataatg 947

<210> 13135
 <211> 1243
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13135

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 agggatttaa aaaaaaaga gagacctgcc ttggatagat agcctacgca acgacagcct 180
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 cgtagagggg gtcgctcagg ccgcgaagag agagagttat atcagagggt tgagagataa 480
 gcgtttggag ggaggtaaga gggttgtttg tcggcgacgg ggaaacttgt gaggggggtat 540
 ttggtcggga ggagtgggtga tgttgatggt gatgttgctc tgggaatgga taggggaggt 600
 tagggagaag gccctcgtcg atcaaaggta tgagggcgctc aatggcgctc tcggagagga 660
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1243

<210> 13136
<211> 930
<212> DNA
<213> Aspergillus nidulans

<400> 13136

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cgctggaacg gcgataaccag acatcgccgg gctatcgctc acatcagagc cgcattgcaga 180
cgacaacgcc aaagactctt cagataaccga ctccactca gactcccgaa ctccagcccg 240
aatgacgact cccctcgcta tcgccctcgg cgtcggagta ccgctcggtc taatcctgat 300
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<210> 13137
<211> 826
<212> DNA
<213> Aspergillus nidulans

<400> 13137

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accccctccc ttctcttca atttccctc ccccttctt cctcccttcc cctctctcc 180
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<210> 13138
 <211> 1133
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13138

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 aacaaaagaa aaaaacgaaa aacaaaaaca aatacaaaag aacaaaccaa aaagaaaaga 180
 cagagaaaga aaatagaaaa aaaaaaagac agaaaacaac aaaaagaaaa acaaacaaaa 240
 acaaatgaaa aaaaaaaaaa agaaaagaga acaacacaga agaaaaaaaa acaaaggaaa 300
 agaaaaaaaa agacaataaa aagtaaaaga gaaaagacag agaaaaaaaa aaaaaaaaaa 360
 aagaaaaaaaa gaaaacaaaa aaccagaaaa aaaaaaaca aaaaaaaaaa aaagcaaaaa 420
 aggagaaaac aaaaaaaca gaaaaaaaaa acaaaagaaa aaaaagaaaa tagagaataa 480
 aagaaaaaaaa aagcaggaaa gaaaggacaa aacgagaaca acaagatgga acacgagaaa 540
 gaaaagaaa caaaacaaag aaaaagaaaa ctagaaagag aaaagaaacc aacgaaacaa 600
 cacaaaaaaaa caaccatagg ccaagaagac agtcaaaagg agaaagatag agacaatact 660

aaaagacata aggaacaaaa aaaaaaagaa acggaacaa agaaactcag aataggaaaa 720
 caaaaaacga aaccgagaca gagtaaaaaa cgaaaaacaa agaaaacaaa cgaaagaaag 780
 aaaaaaaga aacggcgaaa aaagaaagaa acggaggaga aaaaaaaaaa aaggcgaaag 840
 aaaaacaaga aaagaaagga aaaaaaaaaag aagagaaaaa ccacaaaata aagaagaaaa 900
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 aaaaacacag agaaaaaaaaa acaaccagac agacgaggaa cacaaaaaaa ggagcacaca 1020
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<210> 13139
 <211> 750
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13139

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 agaggacacc accgacagca atgaacagca ggaagccgaa catgaacgac aaaccaggca 180
 gcacgcaacc aaacgagagc aaccgacaga ccagcacaac acgcaatcaa ccagcaatgc 240
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 agacaagacc cgccggagcc aggacacgca cggaggcaaa ggggagaaag caaggcaaaa 480
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 agccccgaag aaggacggag agggaaggaa gggaagaaaa gccaaaaccg aaggcgaagc 660
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 ccccgcaaaa aaggaaccaa cccaaggggc 750

<210> 13140
 <211> 913
 <212> DNA

<213> Aspergillus nidulans

<400> 13140

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<210> 13141

<211> 377

<212> DNA

<213> Aspergillus nidulans

<400> 13141

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cgatgccaca cgtctac 377

<210> 13142
<211> 925
<212> DNA
<213> Aspergillus nidulans

<400> 13142

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<210> 13143
<211> 835
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 13143

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<211> 933
<212> DNA
<213> *Aspergillus nidulans*

<400> 13144

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<210> 13145
 <211> 903
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 13145

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 atgaagtgc tctccttcag aaagtgcac agctaacgca ctattaactg cattaccagc 240
 tccacataga attcactaca tacacgatta gtgctaggac catgaacaat ctccgagaat 300
 taatggacac ggacaccggt taaacctgct ttcattaggc atttattagc atactgcctc 360
 aataaacctt gatgtggaga gaggccaatc tgtagtacga agaggagctt tatagtgagt 420
 gggcataatg tatgcatggc ataggtaatc tgtgttgtga taaaaaccga cagacatccg 480
 tgatctacct tgactggact tagtagcact acaggatatg cttcaatgca cgttacgacc 540
 ccacagaaat tttatcttgt atcgtaactt ttggactttc ttaaaagggt gtgggccgggt 600
 ccaaatacaga ttgttcctac cgcattgggtg caatgttgca accaactaat ttttttcgga 660
 acaaaatcat aacggacaag ttcttcttta acatcacagt ttcaagaagt gtttccttaa 720
 atctatctta cttttaattt cgaagncact ctttttagtaa tttttaatca cgaatacggg 780
 gatgtcttta aaacatttaa aggttgatcc atctttgtct ttgttaacca ctccgggtaaa 840
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<210> 13146
 <211> 544
 <212> DNA
 <213> Aspergillus nidulans

<400> 13146

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gatccctgc ggacttatca gagcgaactg gatccaacca gggatttacc cgtgatcgca   60
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ttcttatttt ctcttccgcy tagatcatgc tgcataagac gcctcgaaaa cgatgaactg  180
actcctgata gctgactatt ctccgctcgc cctgggagta taccgaacgc cgggtctcatt  240
cgagcaccac agggcccgca actatgggac ctagtatcgc ccccttgccc tgccgagtc  300
gaccgggta gtggttgctg ggccttgccg tcggcatcgg cagtgggtgt agtgaatcgg  360
attcggagct gtaaccagga tggccaagct ggagggtctc caggagggcc tccagggccc  420
ggacgaccac catatattag catggtctcg ccgcgttctg ggggtgtatc ctccaagtca  480
ttgacgttgc caccgtcaa tttgtctatc agccgtcgtt gccggcggtt tctcaagatg  540
gcgg                                                                 544
  
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<210> 13147
 <211> 1026
 <212> DNA
 <213> Aspergillus nidulans

<400> 13147

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agctccatca taccacaat gtcatttatg tcttaagttt actcgatcac tctgtagggg  180
gccatcaaac tactgttgca caaatataat ttcaagtact tatcagataa aagtatgttt  240
gaatgattag acttacatag ccataatat acagatcagg agaataatgt aatctaaaaa  300
tattttttca tagattaata atattcctca ttaattcgtt tttttcttat tattgttcat  360
acttaattcc acttttaata aaatttacta tactatcttt tattttaatc ttctatattt  420
caccctactt caaaactctt ttgacgtttt aataaaactc tgcatactct tactataaga  480
attgttttga taatattctt tactttttta ctattttaac tttttaatac attatatact  540
  
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tgactattat ttacagtaaa taattttaat caaatttatt tttcctcatt attttatctt 600
 ttatttgatg aacgtttctt ttaattaaat taatatttag ctaattttta tttagttaat 660
 aactaattag cactattaag ttctaccata attttgtttt ctactatctt tctttctaatt 720
 ttctctttca atttagtctt ttttttgata ggttgtaata tttaccatta ttactacatt 780
 tacgaataat tttttatgca tttacttttc atccttcaca tctttcaaga atgttattaa 840
 attaactttt atactataac aattttatta atttatttaa ttcatactat ttttttattt 900
 atttcctttt ttattttaat cgctttctaa tttatgataa tttactttta taatttatct 960
 ttcatttttc tatcattatt tttttcatat tataacaatac ttattacttt cattacaaat 1020
 cttctt 1026

<210> 13148
 <211> 759
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13148

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 ctaccgctca acatatctcg tacgaacaag cggcccaacc tcaccagtag tcttgtgctc 120
 ccacatcttc aagcaccctt tcccatgata atcatccaga ctggcataga atctgcccc 180
 aagccgcttc agaatctcac atctctcacc catatccttt gcaagaacga tctggccggc 240
 ggcattccca taatggccat cctgctcacc ccaactcaacc aggtcatcca cgacgtcttc 300
 gaacgcgccc tggatgaatt cggccacca taaccgccc gtactgggcc atcccacgcg 360
 caccagagc gattccactg ctgtcgcggc ggggacctcg tcataaagaa acagatttcg 420
 agcgctggtg acattctggg caacggccgc gatgagattg tagcgtgatc gactgtcgta 480
 ccacggtgct tcaaggccgg gaggacattt tggcagactt ggtcctcggc atcnttggtc 540
 ctgggtccgc ttcctgtgtg gattgaggta gtcccagccc agataatcaa aatcaactct 600
 tgtaggggtg gaaagcacia tcaggccttc tttagacggc cagccataga accagagccc 660
 ggtggagggg ggcaacattc ccttcatggg ggaattttgc tttccgggtt tgcagcgaag 720
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<210> 13149
 <211> 356
 <212> DNA
 <213> Aspergillus nidulans

<400> 13149

tattataaaaa aaaaaaaaaa aaaaaaaaaa cccgggggttt tccatatggg ggccttaacc 60
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 ccttcggggg ggaaaaatca agccccatt tttttccggg ccgaaagact gatgtcccaa 180
 taaaaaaatt ttcgggatta gaagttgttt aggtggaacc ggttttaatg ccggtcaggt 240
 ccggggaaaa ataacttaat ccggttggtc caaaagtttg ctaaaggat tttgagccct 300
 aggttccagg tttagggaaa ttggccgggg aaaaattggg gagtgagcct cccaaa 356

<210> 13150
 <211> 838
 <212> DNA
 <213> Aspergillus nidulans

<400> 13150

gaagagaagc caggagaaag aaccccccg ggaaaccgag caaagtggat ccaaccgaa 60
 acaaacacaa acgggttgcg caaaaaaaaa gacgagcccg cacatacaac aaggaaacgc 120
 caaagaagaa acgccaaga cagaaggac agaaaaggaa gccgaggagg agggccaccg 180
 acaacacgac agcgcaaac aagacacaga caccaaggaa acacgcacca ggaaaagcaa 240
 aggaccaca agacagagg aggaccgggg cgaagacacg gaaaaacacg gcgaaacacc 300
 gggggaaaca cgaccaggca ggacaagggc gccaggaag aaaaaagaa accccaggag 360
 gcggcagaac cacaagagaa cgacccaaa acccgacaag gccaacaacc cgggagacag 420
 gagaacaggc aacaaccgcc gggacccaac caaggcaaac ccaaagaaag cccggaaaag 480
 aaaaaaggg ccaaaacaaa gcaaaagaac cacaagagcc aaaaaccaa gcaaggcaaa 540
 gagaggcaaa aagcaagacc cggggaaaaa accgcaaaa gcaggggacc agccgcgcga 600
 gaccaaacc agaaaaagg cccaaaaaa gaaaggcgga aaaaacccc cgcaaaaagg 660
 gacacaagaa gaggaagggg gcacccccga gcaccacccc ggagaggga aaaaacaaag 720
 cagaaagaca ggacccaaaa aaggaacaga acgcaggcaa aaaaaaaaa aaatgaggg 780
 aaacaaatg ggacaaaaa gcccagaca cgaaaaaaa cccgcccccc accacaaa 838

<210> 13151
 <211> 813
 <212> DNA
 <213> Aspergillus nidulans

<400> 13151

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gtttgtcata gggttcaacc ttcaataaaa acttcgaagc ccaactcggat gatctgcact 120
agtgaacac ggctcgtcttt tcccccttga catgagtagg gtaatacttt attttcccgt 180
ttaaggggtg tcacgagcaa tctatgggtc atagccagcc ctgcgggaat tactcctgat 240
aatcacgttt atgtgagagt cagggcttca ccagatactc ctttaagcta gaggattcga 300
gctggaatgt tatgaggaag atttatttgt cgtccgtgtc ttttgtatct tttcaccatt 360
gtattcccca tattctttcc cccttatgtt cgactctctt cttgtttcta tgttttttaa 420
ttattgttta tttttactg tccctttcta accttttgt gttttactta cgttagtaat 480
gtcttcctta tctttattct ctattttttt tattttttta ttttctattt ctctttttta 540
tttttttgct attatttaac tctttttctt tttttttact tttttacttt tttacttttt 600
ttcattttta ttttattatc ttataactta cttttttatc tttttttttt ttttcttatt 660
tatattcttt ttccaatttt ttatattctt tctattctct ttttcctttt ttcttatttt 720
ttcttcttct cctttttcaa tttttcttat ttttttctt attctttttt tcttttctta 780
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<210> 13152
 <211> 735
 <212> DNA
 <213> Aspergillus nidulans

<400> 13152

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tatgcattac cgagaaaaag actactcagg ggcataaagc cgcaacttca tggatatatcc 120
tatatattag tgtatggggc agttcgggaa tatatgtgaa tgtggatcac agagccccctt 180
ccgccagccg ctccagagcc tccccctcaa ccatcatctt caaccattcg tccatagcct 240
tcgcgcctac ttgtttataa aatttgatac tcgggtcatt ccatgtaagg aactccact 300
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ccaagcgtct cccctaatac tcgagtacct tggcagccag ccacttcagc agcttaaacc 360
 catatccttt tccccgcgcc gcgggctgca cgtataggct ctcgaggtag ataccgggg 420
 ctgcgcgcca agtagaatag ttgtagaaga agagagccat gccaacgggc ttgggtgacg 480
 gattctcggg cgtcgcgggg ggctgatga gtgcggtata gacggagccc cgcttggggg 540
 tgtcgtcggg gaaggacaag gtcgcgagaa gggatttctc ggtggcttcg acttcttgca 600
 aggccttttt cgaatcggcg agttcgcgga tgaattgcag gatcaggggg acatctgtgg 660
 gctgtgtcag actgggtgct ggttatggac tgggcaagag aatgctgaat tgaatccggg 720
 gggatgata cttac 735

<210> 13153
 <211> 425
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13153
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 aacatcacct tgcccaaagg taatgatcga gcacggcag aaaggagacc gtctagaagt 180
 gtctttatta taatggttta acaagaacat caactactat caccgtattg ttgaggcgac 240
 agggagaaaa agaattttac tgtctcattc tggagataga cacaacacac gtagctcaag 300
 ctacggccga cactattaac agctgagtgc gaagaagctc atagtccgct gtagtagaca 360
 cgactctagt gaaactagct gcaagtgcct cagctgcgca tagagtagct gggagcgctg 420
 tgagc 425

<210> 13154
 <211> 317
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13154
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 gggctatatt actcagaact tgcgtctctt gcagccgatc ctagacggta gacattatcc 120
 gtggcttgaa tagacgtgtg aatggcagaa tcatactcat gcagcatcgc tacattocaa 180

gggtgagcga tctgaacaaa cttttgacat agtaacctgg aatctaaccg ggtgtcctag 240
gcagttcctg ttttactttt cttcattaaa acctgaacca ggtccggacc gttggtgatc 300
acacggtcat gaagtga 317

<210> 13155
<211> 736
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 13155

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ttaactttat tgtcctgttc cctactctgt attttcttca ctatcttctt ccttcccatc 180
tttatccctt ctttttcttc tactcttctt cttctttact tctctttttc tttcttttct 240
ttctttttat tattcttctt tctcttttcc tcttctcttc tttctctctt ttttctctct 300
tttttttttt ttttttttct ccattctttt ttattctttt ttatttttta tcttttttta 360
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cttccccctt tattttcttt tatctttcta cttattttct ttttttccct ttctttcttt 480
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cttttttatt ttttcatant gtaatcttcc tcttctcact ttcttctttt ctactctttc 600
tttctctttc tctttttctt ttcttttctt cttcttctt cttatcttct tttcttctca 660
cttctctctt ttttttttct ctttctctct ttctctctcc tctttctctt tctttctctc 720
ttatcttctt ttact 736

<210> 13156
<211> 878
<212> DNA
<213> Aspergillus nidulans

<400> 13156

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cagatttcgg gctcggagga gatacgcttg tgaatcgcaa ttggcggctg attctgaata 120

gcgaccatac actgagccac attggcgagg gtgatggcta taccagctg ccaacacaca 180
 aagcttctga cgctaattgg actgctccaa gccgcgcga ggaggaggat accttctgtg 240
 cccgcaagtt gctggaaccc atgactgttg ggcgctaggc gtacatgaac acctgcgctg 300
 atatgaccag gtgacgagag aatcgagcct tggaggatcg cacctcggat acgctcggat 360
 gatgttttag accgcagtgc ttcttatgcc taaagcgct gaagcttgag ctgcaccgaa 420
 ttcttgttt gtgttgatgc gatgacagtt ccttgtatgg ctggaactac cgaagctgg 480
 cgtggccgtt atggaaaggc gggggaacgg atgcttattt tatcgagtgg aacctgggcc 540
 gctgatgatt gtgaccgttt ggctgatcc cgtgctctgg taagcccgaa atctgttgcc 600
 gtaggcccc cggaattccg tggattggtt aggttttagtg ataccacctt cgttgttatg 660
 ggctggggcc cacatcgatc cctggtaaaa ctttcggaat tattggccta cattgctact 720
 tcagggtggt aacccaaccc ggccaggggc cggaatttt tttcttatgc tgctagggcc 780
 aatcatacat tgttgggccg tccttcgct tttcttatat attttttttg gaaattttct 840
 ataggaacaa aaatttttgc attctttaca ttttatta 878

<210> 13157
 <211> 1035
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13157

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 acccccaaaa aaaacacaaa aaaggggaaa aaaaaaaaaa acaaaaaaaa aaaaacaaac 180
 caaacaacaaa aaagaaaaac aaaaaaacaa aaaacaaaaa aaaaaaaa aaaaacaaaa 240
 aaaacaaaca acaaaaaaaa aaaaaaacaa aaaacaaaaa aaaaaaaa aaaaagacca 300
 aacaaaaaaa aaaaaaaa aaaaaaaccc cccccccaa aaaaaaaa aaaaaaaa 360
 aaacaaagaa aaaaaaaa aaaaacaaac aaaaaaaa aacaaaaaaa caaaaaaac 420
 aaaaaacaaa acaaaaaaga ccaacacaaa aaaaaacaaa caaaaaaaa aacaaaaaaa 480
 caaaaaacaa aaaaacacaa gaaaacacca aaaaaaaa aaaagcaaaa caaaaaaaa 540
 acacagaaaa cacaaaaaac aaaccaaaaa acaaaaccaa aacaacaaaa agtcaaagca 600

caacaaaaaa caacaaacaa aaaaagaaaa acaaaaaaga aacaaaacaa aaaacaaaaa 660
 caaaagaaaa aacaaaacca aaacaaaaaa caacacacaa acaaaaaaaa aaccaacacc 720
 acaaaaaaaa caaacaaaaa acaaaaaacaa caaaaacaaa aaaaaaaaac aaaacaaaca 780
 acaaaaaacaa aaaaaaaaac aaaaaacaaa aaacaagaca aaaaaaaaac cagaagacaa 840
 agacaaaaaa caaaaaacaa agaaaacaaa aaaacaaaca aaaaaaagac aaagacaaca 900
 aaaaaaaaac acataaaaaa cacagaaaaa aaaaacaaaa aacgaaatga acgaacaaaa 960
 aaacaaaacc aaacaaagaa aaaaaaacaa aaagaccaca caaaaacaaa cacaaaaaaa 1020
 aaacaaacaa aaac 1035

<210> 13158
 <211> 787
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13158
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 cccaggagt acacggctat gaagctgaag gttaaggagt gggcacctaa gattgcagaa 180
 ctogtcaaag gcaagattga ggatgacgcc gatgtttact tcattccgcg taccctgcgt 240
 ccggagacca tgtacggta aaactgctgc ttctcggcc cgaagatcga atacggaatt 300
 ttcagggtca aggagaagca gtactatata tgcaccaagc ggggtgcttg gaacatggct 360
 ttccagggca ctttctttga cagcgagcac ttcccaaga ctcaggacga actgcccacc 420
 gttctgactg ctccgggatc ggcattcgtc ggtacactcg tcgacgcacc tctgtcattc 480
 cacaaggatg gtgtgcat ccttcctatg gaggggtgtt ctgctacaa ggtactgga 540
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 ttagaagccc cgatactacg ggctttcata aaggagttgg gccttgattt ggaaaaaatt 660
 ctccctttta attggaaaac acccttacgg taacgggtaa accctttaac ccggcaacca 720
 aagtgccttt gttggaaaaa aaagctttta agaaatttaa attctcccc caaaggggac 780
 ggttgta 787

<210> 13159
 <211> 954
 <212> DNA
 <213> Aspergillus nidulans

<400> 13159

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aaagaacaca aaaagaaaaa agcggaaaac caaaaggaaa aagaaaaaga gaaaagccaa 180
aaacaaaaaca aacaaaagga gaaaaaaaga aaacaaaaaca aagaaacaaa acggaacagc 240
aaagcacaaa aaaacagaaa caaaaccaa aaacaaccaa aaaaccacaca aaacaccccc 300
acacacaaca aaaaaaaaaa aaacaaaaaa caacaaaaga aaacaacaaa acaaaaaaaaa 360
aaaagaaaaa cccaaacaca aaaaacccaa caaaaaacac aaaagaacaa aaaaaagaac 420
aacacaaaaa aaccaaaaaa caatacacac caaaaaacaa acaccaaga aaaaaaaacc 480
aaaacaaaaa aaaacagaat caaacaaaac aaaacacaaa aaaaaaaacc caaccaaaac 540
aaaacaaaaa aaaggaaaaa acaaacaca acaaaaaaaaa acagaacaaa caaaaaaaaa 600
aaaaacaaaa aaaacaccaa aaccaagaaa gagaaaaaga aacacaacaa acaacaaaag 660
aaaaaaaaaa aaaaaaaaaa caacaacaaa aacacaaaaa gaacaaaaaa acacaacaaa 720
cagaaacaaa caaaaccaa caaaaaaaaa aacaccacaa aaaagccaa aaaagaaaaa 780
accaaaaaaa accaaacaca acaaaaaaaaa acgaaaaaac aaacaaaaaac aaccaaaaaa 840
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acaaacaaaa aaaaaaaaaa ccaaaaaaaaa aaaaacaaaa cacaacaac aaaa 954

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<210> 13160
 <211> 1073
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 13160

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caaagccggc gaccggaag cacgtgacac ggatttgag agcactataa ttacgtaaca 120
cacgtgctgc agttcacgtg acaaggcctg gatgaaggga atgcgagctg actttccctc 180

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ccgctgcgag ggcctcatgc ggtctgtctc gacgaattct cgatttttct gcttgtcaaa 240
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 ctttattctc accttccctt tgggacattc gttcttaccg cctactcttc tgctttggcc 360
 ccgacagcgc cttcttgatt tgaagccttc attctctcct gtcccctacc tcaaccttgc 420
 ctggctatca ggtttcatct cgccgaaagg taagcatggt tgctggacgc catctgtgat 480
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 tttggtggga ctgcgatgat gctaacgtga cctccccgga ttagttgggc gagaccgaac 600
 gaggagccat gtttgcgcca gcccttacga actgcttcac tacattatat cgcatngact 660
 gaattgtcga ttgctgcctc acaaccggtt aatttgtctg cattctgttc tgccccatga 720
 atagagctca gcatcataca ccctatgaaa catggctgtc atgcgtttgt tgacactact 780
 gcagacgggt gtttgatgtc catttggacg tgcaggatct tttataaaca cagtgttcca 840
 gtttcccgag cccaagccc ttttttagag taaattcctc aaccagccc aataatgaaa 900
 ttaatatctt ttctcaaaa aaataatttc ttgttgtna attaaaattt aaaacccac 960
 aaaaattttt tagcttttgt tacttttttc tacaggggga gcggtctttt ttaaaaaaat 1020
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<210> 13161
 <211> 651
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13161

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 aaggtcacga aaacaaaaag tcctagatag gcacttttct gcagcggaaa caaaatcggg 180
 aagatgtgat acggcagact ctgcgaccag ccgtccactg gatggaatgc atagctggcg 240
 aatggcgacg gcacgatcca tttgtgatgt ggtttgtgaa gccagcggtg taccatcgga 300
 acatgaagcc agcgggtgaat ccaatagatt ccaaagtccg tgaagcagac aaagagcgga 360
 tactgcagcc acgtgtacgc aggaaatgga gcctcgctcg caaagttgta cagctttgac 420
 caaccacgca cctaggctag gaagaaaggc gcagtcaata tggctatcac ggggatcgcg 480

gttacacctt gtcgtatctt gaggcggatt tagttcggga ggaaatggtg gtgtcgaatg 540
agcccccttat tcaacattgt gtggtaaact atcatgcttt caatgaggta catggccggc 600
cctaaattct tgggagcggg tcaacacatg ggtcagccta ttttttcatg g 651

<210> 13162
<211> 1286
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 13162

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agaaagaaaa aaaaaacacc accaccacaa aaaaaagta ataatagaaa aaacaaaaaa 180
caaaaacaat taaacaaaaa aaaagaaaat aacaaaatga tagagaacaa aaaaatgaaa 240
aaaacaaaaa caaaaaaaaaa aaaaacccaa aaaataaaaa aatagacat aaaaaataaa 300
aaaaaaaaaa aataaaaaaa aaaaaacaa aaatcaaatt taaacacact tagctcaaag 360
aacaaaaaaa taaaaaaa aaatgacaca aaaatataaa aaaagtaaaa gaaaaataat 420
ttgaaaaaaa tgaaaagaac actgtcaaaa aaaaacatt gaaaaaccta acaaaaaaat 480
acatttaaaa aaaagaatac atattaatga gaataaaaaa aaaaacacaa aaataaaaaa 540
agaacataaa aatagaaaca aaaccacgg aatataagaa aaaaacaaaa aatataaaaa 600
tatagagaaa atacttagaa aaataaactc aataaaaaaa aaaaaaaaaa aaaatcaaca 660
acaaaacagt aaaaaaaata aaaaatgtaa atagaaaaaa aaaacaaaat aaagataaaa 720
aaaaaaaaaa agaaactcaa aggaataag aaactaatta aaaaaaaaaa acaataataa 780
tatccccctt taaaacaata cagcaaaaat aaaaagcaa aataactccg aacaaaatag 840
tcaaacatat aaaaagaaaa gaaacaattt aaaaaaacta aagagaaaaa aaataataaa 900
aacaaaactc taaaaacaa aacagtaaga taaaaccaa taaataaaaa aaaaaacaa 960
aaaagagtac aaaagaatca ancagataaa aatgaaaaaa ataagaaaaa ttaagacaac 1020
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tttaaaaaaa gataaaaatc agtaaaaaaa aaataaaaaa agaaagaaaa taaagaaaaa 1140
aaaaaactaa ataatgaata gaaacaaaaa aaataaaata ataaaaatat aactacaaaa 1200

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 taaaatataa aataaaaaat aataaa 1286

<210> 13163
 <211> 536
 <212> DNA
 <213> Aspergillus nidulans

<400> 13163

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 caagagtgcg tcgatcatat acagagcaag caaggagcag caggctcatc aaacattcta 180
 ttggacgaat gactgacaat aaatacagtg gagagtacgc atgctaattgg attggcaaca 240
 gaatccaaca ctgaggagtg ctgcaattcac aatactcata agacatctct agtcccacta 300
 gtctgcatca gggctcgatt acaggacagc tttcatgcac ttcgactgca gatgaactga 360
 tcgcaacatg tctgccgctg ggatgacaaa aacagtcatg acacatcatc gtcgtgaggt 420
 gcaccgccag accgtgtaac gtcggaaaga gggacgtaga tgcttatcgg ccttggggccg 480
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<210> 13164
 <211> 804
 <212> DNA
 <213> Aspergillus nidulans

<400> 13164

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 tcacctgaac aggaaagtac cggcatgaga ctagcagaga cgaaaacaag ggaactagtt 180
 ccccatcatt catcctcaag atggaatggc tgtagtgact gatactgtaa ctagacggcg 240
 gctgcatatg catctagaga ggtattatgc agcctgtcct aagaaaggaa cactaggctg 300
 cgggttttgt agtccagtcc gaaggaacgt ggtcggcttg tatgtatggc cacaccaggg 360
 aagccgagag ggtagaagcc gtagttagtc agggaacgag tgttgagtca taaggaaggg 420
 aagacctttg tcacaccagg agacggacgc tgaccgaaat caacaggggc ggatcgtgga 480

gagggcacct aaagcaccta cccgatgggg aggcgtttga aaagacacgc tgaaccgctc 540
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 cggaagggtc gcctaggatc ggcttcgggt aacttggata agcgctaggg actgcgttta 660
 taggtttaat aaatgttatg aaccggccta tgcgttcggt aattcaaggg gcttaaaatg 720
 acagggggccg cctgggttaa tgcgattctc ttctctgtca aaaggggatg agacctacat 780
 tttcttgttt gggccctcct gggg 804

<210> 13165
 <211> 623
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13165

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 aatttgtgat gaccctatat atttatctta tgggtgtgca tatgacttca tttggcgaac 120
 aaaaaaacta gattgcaaag actgtgtagg ttttcgtgcg aatctatctt cgtacttcag 180
 aatgaaatg aatcgaaccg gttatgacaa agacatcatt ggctgctatc attaggaact 240
 tttgtatcaa ttgcctctct ccgattttta aaagctaag atgcttctct ctgaggatct 300
 gatgcaagca tgactatcag atattgcccg atctaaggca catgttgaca atagaatttc 360
 gtctcctatg tgaaataatc ggactattat gtgatgtaag gacgcattat caagatcagg 420
 cacgagggct agtcgatacg ggaatctgag atgcgctaag agtgacatag cattcgtgca 480
 cgaggtttac tcggtttgag agccctctag gtttttgta gtgctacaga ggccgggctca 540
 gagattctaa tgggatggca aagtatggcg gcttttgagc aggcgcgtaa acaatgagtt 600
 gtactcctta ggattcatat tgc 623

<210> 13166
 <211> 1446
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 13166

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aaaaaacagg ggaggttagta tataaaaaaa aaaaaattat aaataatata ataaaatatt 180
ttatttataa aagaaaaaga gaaaaataat aataaatggg ggggggattt ataaggaaaa 240
aaaaagaggg gttgataaaa aaanaaataa agaggaaata gaaaaaaaaat aaaaaataa 300
taaagataag aaaaaataag aaataaataa attaaaaaat aaaaaattat aggaaaaaaa 360
aaaaataaaa aattataaat aaaaaaaaaa aaaaagaaat ataaaaaaat aaataaagag 420
gaaaaaaata aaagagaaaa atataagaaa ataaaaaat ataataaaaa gaaaaaaaat 480
gaatataaat aagaaattga aaaaataata agaatagaaa taatatataa gaaaaaaagg 540
taaaaaatat agaataaaaa aaataataga aaataagaaa aataaaatta taaaataaaa 600
ttatagataa ataagaaaaa gaatgaatga tataaaaaata ataaataaag aagagaaaaa 660
aaagaaaaaa taaaaaaaag atataaataa acaataaga tataaagatt aaaaaaaca 720
aaaaaaaaa gataagataa tataaattaa taaataaata aaataaatga gaaattatat 780
agaaaaaaat aagagataaa aaaaagataa ataatggag aaaataagaa taatagaata 840
ataaaaaatg aagaaaaata aaatagatat gatataataa ataagtaaat agaaataaat 900
aaagagagaa aaaaagaaat atgaagaaaa atagagaaaa aaaaaaaaat taaagaaaat 960
aaaaaaaaat aaaaaaaaaa ataagtaaaa aaaagaaaag atatagaata aatataaatg 1020
aaaaaagaat aaaaaataaga agaaagaatt aaatatgata aaaaaaaaaa aaaaaagaa 1080
atgaaataaa aaataaatat atataaaaat aataataata taaaaagaa ataatgaaa 1140
aaaaaaagta aaaaaataaa gaaaaaagaa tataaaataa aaatagtaaa aaaatataaa 1200
taaaaaataa caaaaaaatt aaataaaaga aagtaaatag taaaataaaa aataaatata 1260
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ataaaaaaat aaataaatag atatagatta gaaataagaa aaaaataaga aaaggaaaag 1380
tataaatatg aaattataaa actatgaaaa agatagaata aaattaaata aatagaataa 1440
taaaaa 1446

<210> 13167
<211> 1284
<212> DNA
<213> Aspergillus nidulans

<400> 13167

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tgatataacg ccaggttcgg gatatccccg cgggtgaacaa gccttttacc gtctccacag 180
agcttggtcca tcggattgtc tttgtaattg cagcctggat ttctttggtg agaccttcat 240
cgctagcaat gcgctgttca aactgtccac ctgacctgcg gcggacaatc tctggatcat 300
tgtcattact ttccttcac c atcttggtga attcaccacg aggaatgccg aagcgcgct 360
ggtactggaa gtatagcctc tctcggaagg actccggtag gcggcggacc atatttccgc 420
gctttacggg atccatatct tgtgagagcc gcacattggc ctcaggatca tctatccagt 480
cgagatcgga gcaacgcttg tcggtgaaga caacgtcggg tcaggctctc gatgagcgg 540
gcatacagcc gtcggaagtt agccatctgc gaagaaacga tattgttgac ttttcgctgg 600
tcctggacag gcaaagccat gcggagagcg cccatgtaac tcattgaagc tatggcgctg 660
tataggctgg acctctttaa attctttccg ccagcagcac gcatagccac cctttgctgc 720
caaccagccc attcattctg ctttcgaaag cccgtactct ttgtatgggt cctctacgaa 780
tttcaaccgg ctttttgaat cccgagtcg ttagatatca cagtgtccca accgacctgc 840
aattcattac aaacacgttc tcggatctta tcaacccct aggtctatgc aatgtgcct 900
cttattggta atattcgggc tgcaaatacg tcatctggac ttaatctttc cttccacctt 960
gtgaaaacgt atcttcgctc tagatcgctc tcgtgcctac atgcagtttc actcttggt 1020
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actctaccct cctccgtctt cacc 1284

<210> 13168

<211> 544

<212> DNA

<213> *Aspergillus nidulans*

<400> 13168

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 gggctgtatg ctcaagaagt accttcacga ttttcgcgtg tctggcgaat gacgcagcct 180
 ttaagggtc cctcacgtca agcccaaat ccgtttccag caggcgcaga ccaccctcgg 240
 cagcccaaat aaagacgcaa agtagagaga cgaagtgtcc gagaccttcg gttgctgtcc 300
 cgaggccttg tggagatgga gatacaagtg gcaccacagg ctgaagttct ctcgctcctc 360
 acaatcctcc tccaggagct tcatcaccaa ggcaaagacg tcgtcatcgt cctcgctgaa 420
 gtgagcatgg gcacccaccc ctggacggca tatcgcagga acttgatttc tcaaacgct 480
 gcagcatttg atccccgggt cctcataatt ttagagaaag ttactgtagc acaagtagat 540
 aagg 544

<210> 13169
 <211> 953
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13169

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 attttgtgat atcctgataa aaattactgg atgagaactg aaagttttct actgcaacat 120
 aattgacgaa caggcttttg tacatctttg atttgtatgc tgcaggttcg atgcttttcc 180
 ggatcttaaa tcacgaatgc actaatgaca acgacaatga ttggtgaata tattgggcag 240
 cggttgacga gttacaaccc tagtctgggg gtgcagcaac aacacgggtc gcagtgtcaa 300
 cagaatgagc atcactactga gtcccagtct gtgacgaact ggccatattc gttatccgac 360
 gtacctataa cttccacggg tgcagttgctg tcataaacac caaatatcga acgttgagggc 420
 acgagaggat ccatgattca agctgtgtcc ggataacgag gacgccggcg tccacggccg 480
 gagttgactc gacttataac aaatttttga taggagacag tgcgcttccg gtgccgggtg 540
 agatattatc tgatcattaa aggcattggc ggacattaac tgaagggttc ttttccttta 600
 catggggcct gccgttggga tggcattttt cataaaactt atttaggggtt gggtaaaagc 660
 ctaaattggc cattacattg gggtaagtt ttgcgctcaa aaggagata ttttaattttt 720
 ttccttttgc actttatttc cggtggtaaa tattataaga aaatttatcc ctttactatt 780

ttagtaaact tgttattaac cttttaatgt atattttttt attaattaat ataatttggt 840
acaagccttg tatattatat tatatatattt atcactgtct ccttaattat ttatttatta 900
tctctcttcc tgttcatatc tatatttggt ttattttttt atttattttt tct 953

<210> 13170
<211> 537
<212> DNA
<213> Aspergillus nidulans

<400> 13170

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gcgcgtcatc cgtgccactg aacctatcag catctctcgg agcgacattc ataattcctc 180
aaagaagggc aaatgggtggc tcgtcggcgc cagctggaaa gaggaccccc ttgagtctgc 240
ccgccaggaa ctctcctcac tctctgccgc caacacacat caagccacga tagtagcgga 300
cgacagcgaa gctgaaccag actacgcctc tatcgcgaa gcgcaccgca tgaacaccga 360
cgttcgccgc tccatcttcg tggctattat gtctgcaaca gacttccagg atgcacacgt 420
tcgtctgctc aaactccgcc tcaagcgcgc acaggagtgc gaaatcccc gtgtcctcac 480
ccaatgcgca atgaaaaagg acgctcataa cccgtactac acgctcatcg cccccg 537

<210> 13171
<211> 601
<212> DNA
<213> Aspergillus nidulans

<400> 13171

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ttgcggaagg catcaacatc aaaggaggca agcttggtcc cggcctcatc cttgatctcc 120
tggttaacga ggtcgacttc gacttcgcgg ccggcgcggy cctcgtcggc aatcttctca 180
aggacggcct ggtcggaat caccgacggg agcatgccgt tcttgaagg gttgttgaag 240
aaaatgtctg caaaggaggg ggcgatgaca cacttgatgc cgaaatcgag gagagcccat 300
ggggcggtgt cgcgaggga gccacagccg aaattgggtc ctgtgacgac gaggatcttg 360
gagttgcggt agattccctg gttcaggatg aaggaggggt cttcctgtcc gtcctttag 420

cggagttcgt agaagagagc agagccaaga ccggtgcgct tgatggctctt cagaaactgc 480
 ttcgggatga tggcatctgt gtccgacgtt gctgcggctc ataggggccc cgatgccctt 540
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<210> 13172
 <211> 885
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 13172

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 aagaacacgc aaaaggtcga aggctgcagc tgtgcgtttg agttggcgat acttgacctt 180
 tatattggcc aatttgggct cacggacatg gacatacata gctccatttc cgcgcgtcgt 240
 acgacttctc gggacatcca tccacttttt accatccctt atctgcccag ctccattcaat 300
 catgcttcgt cctatctcca tccctctctc ctaactacca ctctctctct tcttcaactc 360
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 cccctcacat tccacttctc cattccctaa ttccacactc tcccttctcc ttatatatttc 480
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 tctctttatc gagtctcaaa ttccactct cttcacacac atcgtttttc ctctcttaca 660
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 cacactctac cttccttctt acctataacc cctatcattc caatctccat ctgggcctct 780
 aatatactat ttcactaat tcacacacac tccccccatt cactatctct actctccatt 840
 accnccactt tctctttctt cccccattc atatttcact ctct 885

<210> 13173
 <211> 859
 <212> DNA
 <213> Aspergillus nidulans
 <400> 13173

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 tttcgaagct gcttttaata atgtatgtat ggcggtatcat ctgtctctgg attcaccata 180
 tccttgacac attcatagca tattaaatta tcataaacat atacaccttg tttcctttgt 240
 gcctcacaaa caatacaaac ttcactctgg aatttcacgt ccttccctcc ctattttaga 300
 gaacctagtt tatactatta gtgcctaaca ctttacagaa agatatacac ccatgtttga 360
 tataatatga tgaactcttg gccaacgcgt ttgtatcaca cccactgctt tcgcgttcat 420
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 cgactgttac agggacaatg ctacactgc catgcatgct agagagctta actaccgagt 540
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 aacaagaaac ctatgttcaa taggttgaag gtgcttagat atatgaacgg agtcccatat 660
 aacttcttcg cccggctatg ccagacaccg gaggaggtag gtttgccctgg aaccaattta 720
 ggcttaagtt cccctccgct attcttgaata ctccaaacct tggggaaaga tcggggaata 780
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<210> 13174
 <211> 535
 <212> DNA
 <213> Aspergillus nidulans
 <400> 13174

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 atttcttttc tgcgttcctc ttccgccacc ttctttgctt tgtgtcttct ccagagccac 180
 aggctacca ggacaagaat agcgacagag acaacaggga caaccaccgc gtcagcaata 240
 gtgccacctg ccgagagtcc agagtcgctg ccgcctgtct ccgttgctga agcagcagat 300
 gaggaatcga tgggtgaaga tgcgtctcca ctgcccgtag tcgtgggtcc ggtcgggtgtg 360
 ccagttatgg tgatagtggg tgtgggtgtt ccagtgggtg tctctgttgt ggtggctgtt 420
 ggctcaacag tatcggtatga agttggctcg gttgtgtgtc ttgtgggttc agtagtagtg 480

gtggttgggt catcagtagt agtggtagta gtactactac tagtagtact ggtag 535

<210> 13175
<211> 1023
<212> DNA
<213> Aspergillus nidulans

<400> 13175

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tccaatggat attatgtctt cgggtctcga ttgcttcaat tgaaagatat acaaacatac 180
ggtagtgcta caacttctta agcgtttcac gcggccagat acggtgcact gctaattgcag 240
gagcgtctgt tgaggttggg aaaggattaa cacctagtct ttcttgacct ctgttttagaa 300
gaatccaatg ggcagactga aaaatgtact ggactacagt gaaatagggg atcacgctga 360
ctggctcaac ttgagtgagc cctatactaa gcggatgggt atgaagagaa gacccaacgc 420
ccgcgcaggt actacttctt ccaccttgat tgcaataag gacggaccog cccacaccgt 480
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tttcaacaac cggtttggtt gttgcccccg ggaaaacaca ttgggggggc cctgataccc 600
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tgggggggag ggcgcttttt ttgggggtcc aaaaaagcc ctccctcccc cttttctgga 780
aaaaaccac ggcttggggc ccctcttcac ccctccccca aaaattttct tctcggggga 840
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cccccccccg ggggggtttt ttttttttaa gaaaaagaca attttttttg ttttaaaaaa 960
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ggg 1023

<210> 13176
<211> 1096
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 13176

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caacacaaaa aaaaagaaaa aaaaaaccaa aaaaaaaaaa gaaaaaaaaa aaaaacacaa 180
aaaaacaaca aaaaaaaga aacaacaaaa aaaacaaaaa acaaaaaaaaa acaaaaaaaaa 240
aaaaaaaaaca aaaaaagaaa aaaaaatgaa aaaaaaaga acaagaaaa aaaaaaaaaa 300
aagaaaaaaa cacaacaaaa agaaaagaac aaaataaaga aacgaaaaca acaaaaaaaaa 360
caacaacaac gatacaaaaa aacgaaaaca gaaaaaacta aaaaacaaaa ataacaacac 420
caaatgaata gtgtagaaca caccaaaaaa agacaaaaaa acaacaacac aaaaaaacag 480
aagcacagca aagaaaaaaa aagatcaaaa gaaaacaaca acaaaacaac acaaaaacaa 540
aaaaaccaac aaaggaaaac aaagacacca acaaaagaga aaacaaaga caaaagaaaa 600
aacataagaa aaaaaaaaaac acaaaaaaga gaaaaacca gaaacaaaag aaaataagaa 660
caaagaacaa aaaagacaac aaaaaaaagg aaaacgaaaa cggacaaaaa agacagcaaa 720
cacaacaaaa acacaacaaa accacaacat aatgacagaa caaacaaaaa caaaaacccc 780
aacataaaaa cacaagagac aactactaaa aaaaaaaaaa aacaataaat gacaaaacta 840
acccaaaaac gagaagcaca aagaaaaaga aacaggaaca cataaaacaa aaacatcaaa 900
gaacaatgaa aacaacaaaa aagatcaaca caagaagaga caaacaccac acaaaaatag 960
cataaacac agaaaacaaa agaacaaaaa acaaaaaaga tcaaaacaac agaacgcaaa 1020
aaaacaaaaa cacaacaggt acaacaaaaa cacccaatac acaccaccgg acagcaacga 1080
gaaatacaat aagaca 1096

<210> 13177

<211> 800

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 13177

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agaggagaaa aaatgagggg aagaaagaaa aacgatacaa acaaaaaaaaa acaaataga 180

gggaaaagaa taaaggaaaa agaagaagaa gagtgggaagg aaaaaaaaaa ctggggaaaa 240
 gaaaagaaca aaagggaaaa aagaaaccaa aaaacacgac gagaagaaaa aagaaaaaaa 300
 caagggagga acaccaggaa aaacaaagaa aaaaaaaagg aacaaggaaa aaaaaaggcg 360
 agaaaaaaag aaccaaaagag aaaaaatgaa aaaaaaaaaa aaacaaaaaa aggaagcaaa 420
 aaagggccaa taaaaaaacc aaagaaaaaa aaaagaaaaa gaaaattaaa aaaagaaaga 480
 aaaaaggcaa aagaagaaaa ggaaaaacaa aaggaaaaaa aagaaaaaaa aaaaagggaa 540
 aaacaaaaca aaaaaaggga caacaaaaaa gaaaaaacct agaaaaaaa aggaaaaaaa 600
 gacaaggga aaacaataa cagaggattg aacaaaaaca aacaaaaaaa acagaaaaaa 660
 aaggaaacct caaaagaagg gaaaagaaat gggaagaaaa aaaaaaaaaa aaaaagacaa 720
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 aaccaaaaagg caaaacaaaa 800

<210> 13178
 <211> 494
 <212> DNA
 <213> *Aspergillus nidulans*
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<210> 13179
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<223> unsure at all n locations
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aagaaaaaaaa aaaaaaaaaa aaaaaaaaaa aggaaaaaga aaagaaaaga aggaagaaga 180
aaggaacaag aaaaaaagaa gaaaggaaaa aagaaaagag aaaaagaaac gaaaaaaaaa 240
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aaaaaaaaaa aaaaaggaga gggaggaagg aaaaaaaaaa aaagaaagaa agaaaagaag 420
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<210> 13180
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<400> 13180

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13181

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 aaaggga aaaaaaaagc gaaaacaata agcagacaaa aaaaaaaaaa gggagacaaa 240
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 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
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cgtttggtatt taattgatag cgtgggctag caacgtagct gtggttctac agtccctttg 240
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gtttcccgac cctccaactt gcttgacgaa ctccacctgg tgaaaccgga tcacgggtgg 480
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agtagccact aagcttcttg ggaaatgcag cacaggcgcc tgagtgggccc tgtggctgca 600
aaccaatcgt cgcctagtaa tgccagtga cgcggttcta attgcgtcca tgttttgaat 660
tgctgngggg ggtctggctc tgctctgagg cctcacaagg tcctgtcatg gatttctatc 720
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<210> 13183
<211> 115
<212> DNA
<213> Aspergillus nidulans
<400> 13183

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<210> 13184
<211> 859
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 13184

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